



QCWA Journal

Quarter Century Wireless Association, Founded in 1947

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Fall 2012

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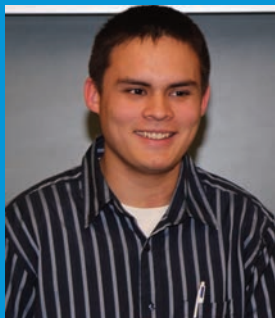
ALLISON, KI4QYJ



ALLISON, KJ6FSW



ANDREW, KC2YZN



ANDREW, KI6KYP



BLAKE, KE5CIF



CHRISTIAN, KK4BPS



JASON, KJ4IWX

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LINSEY, KD8KNA



MEAGAN, KD0NSS



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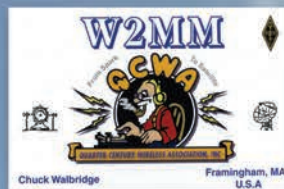
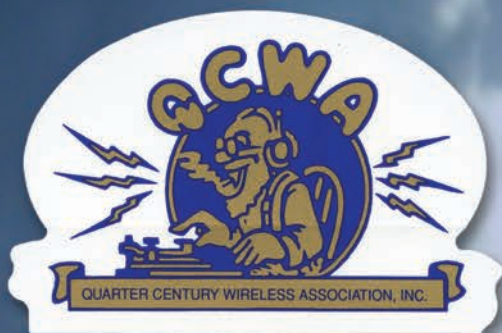


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Some Popular QCWA Supplies

(see ordering information on back inside cover)



(*items shown are not to scale and may differ slightly from photos)



QCWA Journal

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This month's cover:

Features the 12 recipients for the 2012 QCWA scholarships. Each of these winners will receive a scholarship varying from \$1,000 to \$2,000 and they will use these scholarships to further their education at accredited colleges and universities throughout the country. Each of the recipients were recommended by fellow QCWA members. This year's recipients are: Alexander Hamel, Allison Richard, Allison Weist, Meagan Chriswell, Andrew Deutchman, Andrew B. Renwick, Blake A. Silverthorn, Christian Peterman, Jason S. Harris, Linsey Groeneveld, Sarah Stanley and William Reid Probst. More information about the QCWA scholarships and the biographies on each of this year's winners can be found on pages 6-10.

Business Office

QCWA, Inc.
Jim LaPorta, N1CC
PO Box 2088
Malakoff, TX 75148-2088 USA
Phone: 903-375-7507
Canada & USA Toll Free 800-219-8048
Mobile: 469-585-1771
FAX: 800-219-8048
e-mail: n1cc@qcwa-hq.com

Editor/Designer

Amber Pelletier, K1AMP
PO Box 2088
Malakoff, TX 75148-2088 USA
Phone: 401-824-6950
Canada & USA Toll Free 800-219-8048
e-mail: qcwaeditor@gmail.com

Proofreaders

Ron Fish, KX1W
Alan Pickering, KJ9N

QCWA On The Web:

<http://www.qcwa.org>
e-mail address:
n1cc@qcwa-hq.com

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QCWA Officers and Board of Directors

PRESIDENT:

Ken Oelke, VE6AFO
729 Harvest Hills Drive NE
Calgary, AB T3K 4R3, Canada
Phone: 403-226-5840
e-mail: ve6afo@cia.com

VICE PRESIDENT:

Larry McCalvy, WA9JMO
5400 6 Mile Road
Racine, WI 53402-9741
Phone: 262-639-7327
e-mail: wa9jmo@wi.net

SECRETARY:

Vic Culver, W4VIC
1020 Lyndhurst Place
Virginia Beach, VA 23464-5567
Phone: 757-282-1289
e-mail: vic.w4vic@verizon.net

TREASURER:

Frank Harris, WA4PAM
512 Pasadena Avenue
Clewiston, FL 33440-3207
Phone: 863-983-3800
e-mail: fharrisr@gmail.com

PAST PRESIDENT:

Bob Roske, NØUF
993 Hassan Street SE
Hutchinson, MN 55350-3215
VP: 320-587-3890
e-mail: broske@hutchtel.net

DIRECTORS:

• Cliff Cheng, AC6C
133 South Hayworth Ave
Los Angeles, CA 90084

• Myron Cherry, K4YA
360 Loves Lane
Greeneville, TN 37743
Phone: 423-329-1971
e-mail: k4ya@live.com

• Val Erwin, W5PUT
1419 Latigo Lane
Flower Mound, TX 75022-6588
Phone: 817-490-6122
e-mail: dallasqcwa@sbcglobal.net

• Ken Simpson, W8EK
8400 NW 115 Avenue
Ocala, FL 34482-1098
Phone: 352-732-8400
e-mail: w8ek@FLHam.net

• Jeffrey 'Jeff' Beals, WA4AW
PO Box 1584
Loxahatchee, FL 33470
(561) 252-6707
wa4aw@arri.net

• Gerald 'Gerry' Gross, WA6POZ
1626 Shakespeare Dr
Tallahassee, FL 32317-8688
(850) 877-8134
wa6poz@arri.net

• Howard Cunningham Jr.,
WD5DBC
5537 Ann Peake Dr.
Fairfax, VA 22032-3001
Phone: 703-359-9211
e-mail: howardc@macrollc.com

PRESIDENT EMERITUS

Harry J. Dannals, W2HD
1800 Bentivar Drive
Charlottesville, VA 22911-8229
Phone: 434-974-7388
e-mail: w2hd@embargmail.com

GENERAL MANAGER

Jim LaPorta, N1CC
PO Box 2088
Malakoff, TX 75148-2088 USA
Phone: 903-375-7507
Canada & USA: 800-219-8048
Mobile: 469-585-1771
FAX: 800-219-8048
e-mail: n1cc@qcwa-hq.com

EDITOR

Amber Pelletier, K1AMP
PO Box 2088
Malakoff, TX 75148-2088 USA
Phone: 401-824-6950
Canada & USA 800-219-8048
e-mail: qcwaeditor@gmail.com

SCHOLARSHIP CHAIRMAN

Leland Smith, Jr., W4YE
170 Stonybrook Road
Wirtz, VA 24184-2610
Phone: 540-721-4684
e-mail: w4ye@aol.com

HISTORIAN

Myron Cherry, K4YA
360 Loves Lane
Greeneville, TN 37743
Phone: 423-329-1971
e-mail: k4ya@live.com

ACCOUNTANT

Gray, Gray, & Gray, LLC
Richard Tardiff, CPA
34 Southwest Park
Westwood, MA 02090
Phone: 781-407-0300
Fax: 781-407-0303

**Director Cheng, AC6C, has asked QCWA to not display his picture, telephone number or email address in the journal. He asks that all contact by QCWA members to be by US Mail only.*

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Earl R. Thomas, W2MM (SK) 1965 - 1968

Clarence Seid, W2KW (SK) 1969 - 1971

Barry Goldwater, K7UGA (SK) 1972 - 1973

Frank A. Gunther, W2ALS (SK) 1974 - 1977

Harry S. Gartsman, W6ATC 1978 - 1981

Stuart Meyer, W2GHK (SK) 1982 - 1985

Leland Smith, W5KL (SK) 1986 - 1989

Harry Dannals, W2HD 1989 - 1994

Lew McCoy, W1ICP (SK) 1994 - 1996

John Kelleher, W4ZC (SK) 1996 - 1998

Gary R. Harrison, KØBC 1998 - 2002

Croft Taylor, VE3CT (SK) 2002 - 2004

John B. Johnston, W3BE 2004 - 2008

Robert A. 'Bob' Roske, NØUF 2008 - 2012

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Gus Gironda, W2JE (SK) 1965 - 1973

Ethel Smith, K4LMB (SK) 1974 - 1976

Ted Heithecker, W5EJ (SK) 1976 - 1991

Jim Walsh, W7LVN (SK) 1991 - 2003

Charles Walbridge, K1IGD 2003 - 2012

The QCWA Journal

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The Journal is available free to blind paid-up members in MP3 downloadable format. For more information, contact Rue Stuteville, Jr., W4RUE, rueonamo1@cox.net.

From the President

Ken Oelke, VE6AFO



Fall 2012

Howdy folks! This being my first report of the President - I want you to know that I look forward to working with all of our members around the world.

QCWA has made many changes over the last few months. Since most of the significant changes have occurred at Headquarters, it would be best for me to let General Manager Jim LaPorta, N1CC, cover these in his report.

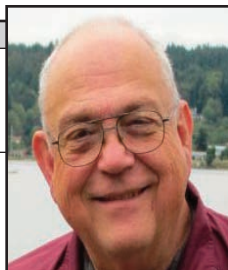
QCWA has a very talented and gifted lady working in the office alongside her husband Jim. Jim's wife Linda (NE5LL) is the office assistant who has brought together many exciting new features when it comes to developing and delivering membership cards and the various QCWA Awards for those eligible. These now are delivered directly to the member and also to your Chapter Secretary via e-mail. If you are not a member of a specific chapter – a request from you will bring QCWA Awards to your e-mail inbox. If this method does not work for you – printed document mail service will deliver your Award(s) for a minimal cost. See the QCWA web site <www.qcwa.org>, and sign in to the 'Members Only' page for more details on these new initiatives.

It is important that we collect e-mail addresses for each and every one of our members, and as always - your address and e-mail address will be protected and never released to anyone. Why? QCWA will rely on your e-mail address to deliver notice when things like the new e-Journal is on-line for your instant viewing, along with many other features now posted to the "Members Only" web site". If you opt out of taking the paper Journal, saving you and QCWA the extra costs for printing and mailing. As well – you will no longer have to wait for the postal service to show up with your Journal. Don't have a computer? Most libraries have computers, and as a member of your Library, you can use the latest technology to access your QCWA "Members Only" features. Most librarians will help you get started to set up an e-mail address through many of the free e-mail service providers. (Note to the Chapters, this may be a good program idea to teach and show those who are not versed with computers and or setting up an e-mail address.) Can you imagine how much fun the non-computer types will have when their grandchildren begin to send e-mails telling them about their achievements? My grandchildren are always letting me know of their wins when on out of town basketball tournaments.

By the time you read this the new QCWA Board will have taken office for a two-year term. The 2012 Annual Board of Directors' meeting and Members' meeting will have taken place at the QCWA Convention in Reno, Nevada, September 24th – 27th at the Harrah's hotel. I renewed many old acquaintances as well made many new friends during this event. It was nice to see all of you there.

Please welcome our new Board members (page 2), and to those who did not seek re-election, we bid you a fond farewell. Thank you for the years of dedicated service you have provided for QCWA and the members and for amateur radio in general.

73,
Ken Oelke, VE6AFO
QCWA President



GENERAL MANAGER'S Report

Jim LaPorta, N1CC

Fall 2012

Your General Manager has been busy working to resolve old issues that pertain to missing the numbers needed the past eight years. You have noticed that we have started steps designed to conserve our income so that QCWA may continue and become a superior organization to belong to going forward. The old GM office was basically “stuck in the 1950’s” in the way business was conducted. Consulting with the BOD and getting sign-off on major changes has allowed HQ to start initiatives to move our business operation into the 21st Century.



Key to the progress at headquarters is the support of my XYL Linda, NE5LL. Although she has only been a ham for eight years, Linda has jumped in to lend a hand to her OM. She does most of the database conversion and the redesign of the QCWA awards. Her contribution is most welcome! She has been turning out over 150 awards each month – singlehandedly!

Automation of the Membership and Renewal methods has been completed, we now accept American Express, Discover, MasterCard, and Visa payments online. The member supplies have been reconfigured, new vendors found and pricing adjusted so that QCWA does not lose money on items members want online and working well. We have added several new product features to the member supplies department.

On July 1, we launched the state-of-the-art **Members Only** website. To view the site, go to: <http://www.qcwa.org/members/login.php> and it will delight you. The new Digital Full-Color QCWA Journal is online today, and even works on Smart phones, tablets, and Kindle Fire to view when you are not close to your computer. The website database is updated every weekend. That includes emailing passwords to members that haven't checked in yet! Please send us your QCWA #, Name, Call and email address to get your password. Send to n1cc@qcwa-hq.com. Email addresses will be added in the order received. Today we are able to enter 100 email addresses a week. Please be patient, we have over 3,000 to enter!

Recruiting is very important. We started with a beta-test at Belton Texas in April, the Dayton Hamvention in May, Plano Texas' HamCom in June and in August we took part at the Texas State ARRL Convention in Austin. Recruiting has been good, lessons we have learned help support getting new members, renewals, and growing the chapters.

Here is a picture of our new look “on-the-road” At Dayton Ken, VE6AFO, Baldy, W0OFY, Val, W5PUT, Larry, WA9JMO and Jim, N1CC worked the booth along with Jeff, WA4AW and Gerry, WA6POZ for the most successful Dayton venture since QCWA began to attend the event! For more information about recruiting contact Mike, W7FKF our volunteer National Recruiter (Email: w7fkf@fast.net).



If you are a Chapter Officer, be sure to check out the Officers Only Website for “Help Tools” to conduct the business of Chapter functions.

GENERAL MANAGER'S Report

CONTINUED

As QCWA becomes compliant to various US Laws you will also see our annual tax reports and the Sarbanes-Oxley required files posted in the public area of the QCWA Web.

Here are some new Membership Products:



Coffee Mugs



New Caps



New Shirts

73,

Jim LaPorta, N1CC

The Quarter Century Wireless Association

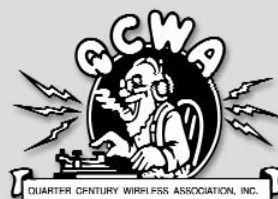
The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer, and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA, one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed. Membership inquiries and general correspondence should be addressed to the business office at:

Quarter Century Wireless Association, Inc.
PO Box 2088
Malakoff, TX 75148-2088 USA
Phone: 903-375-7507
Canada & USA Toll Free:
1-800-219-8048
Mobile: 469-585-1771
FAX: 800-219-8048



Introducing the 2012 QCWA Scholarship Recipients

Annually, QCWA offers cash scholarships to qualified amateur radio operators that are currently enrolled or are planning on enrolling full time at an accredited college or university. The program is administered by the Foundation of Amateur Radio (FAR) in the Washington D.C. area. Each of the recipients was recommended by our fellow QCWA members to receive a scholarship.

Jason S. Harris, KJ4IWX

Scholarship: Virginia Beach QCWA \$1,000

Other Scholarships: L. Phil and Alice J. Wicker Scholarship from the ARRL

College: Tidewater Community College

Major: Electrical Engineering

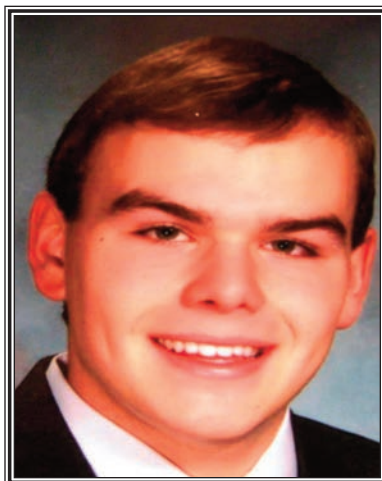
Meet Jason: He is an 19-year-old resident of Chesapeake, Virginia who holds an Extra Class amateur license. Jason is secretary of the Chesapeake Amateur Radio Service Club and is active on HF and VHF in both phone and digital modes. He especially likes RTTY contesting. He has an APRS digipeater at his home, as well as maintaining the APRS digipeater at his club. Jason became interested in amateur radio when he was a sophomore in high school. He earned his Technician Class license in January 2009 and two months later he earned his Extra Class license. He has also earned the FCC General Radio Telephone License and Ship Radar Endorsement.



In April 2010, he competed in the Skills USA Computer Maintenance State Competition and took second place. He completed the A+ Computer Maintenance Exam, the Network+ Computer Networking Exam and the Security+ Computer Security Exam all in less than a year. In 2010, he was voted Ham of the Year by the Chesapeake Amateur Radio Service.

After completing his classes at TCC, he plans on attending Old Dominion University to finish completing his Bachelor's of Science in Electrical Engineering and to earn his Master's degree in Business Administration.

"Thank you for awarding me your \$1,000 scholarship. I greatly appreciate it...Your scholarship will greatly help me in obtaining my degree."



Andrew Deutchman, KC2YZN

Scholarship: QCWA \$2,000

College: Stevens Institute of Technology

Major: Electrical and Mechanical Engineering

Meet Andrew: He is 20 years old and holds a Technician Class license. He will be a junior in the co-op program at Stevens Institute of Technology in Hoboken, NJ. He is a dean's list student with an eye toward a career developing alternate forms of energy. He is active on HF, CW and VHF/UHF SSB and FM. Andrew is an Eagle Scout and is very active in Scouting. His father, Eric, is WB2LMU; his mother, Linda, is KA2HAL; and his grandfather, Frank, is WB2IIO. He was recommended for the QCWA scholarship by John. C. Cottage, WA2BAT.



Linsey Groeneveld, KD8KNA

Scholarship: True Memorial QCWA \$1,000

Other Scholarships: \$1,000 FAR scholarship and a \$1,000 scholarship from Ohio University based on her stellar ACT score

College: Ohio University

Major: Forensic Chemistry

Meet Linsey: She is a 17-year-old Technician Class amateur radio operator from Ohio. Both her father and her brother are hams. Her father has been a ham since 1973 and when Linsey and her brother were younger he would bring them to Ham Fests and to help volunteer at a local marathon. When she was in high school, her and her brother both attended an after school license preparation class put on by the Athens County Amateur Radio Association leading up to exam day where she earned her Technician's license. Linsey is an active member of that same amateur radio club today.

"The main things I use my license for are the special community events the club helps coordinate with radio communication, like the Athens Marathon, Walk for MS and Pelotonia. I really enjoy being able to help out at these annual events in a unique capacity."

Alexander Hamel, KE7NJD

Scholarship: QCWA \$1,000

College: Oregon State University

Major: Civil Engineering

Meet Alex: He is a 17-year-old ham from Portland, Oregon, holding a Technician Class license. Alex has been licensed since 2007 and is active on VHF and UHF. He is especially interested in emergency search and rescue communications. Alex is an Eagle Scout and is very active in community service. His grandfather, Michael, is KG7BF.



Allison Weist, KJ6FSW

Scholarship: QCWA \$1,000

College: Brigham Young University

Major: Nursing

Meet Allison: She is 18 and lives in Roseville, California. While pursuing her degree, her ultimate aim is to become a Registered Nurse. Allison has held a Technician Class license since 2010 and is active on VHF and UHF FM. She has a strong interest in the work of first responders and plans to become active in local volunteer groups. Allison comes from an all-ham family. Her mother, Sheri, AF6ON; father, Ron, KI6SQP; sisters Christina, KJ6FSY and Julia, KJ6HBR; brothers Andrew, KJ6SFX and David, KJ6GQJ; and grandparents Steve, KI6RXL and Shirley, KD6CTR all share in the hobby with Allison.

"In an emergency ham radio is a good way to call for help when other modes of communication are down, and since I want to go into the medical field, answering calls in an emergency in order to help other people is something that I'm interested in."



Meagan Chriswell, KD0NSS

Scholarship: Pikes Peak QCWA \$2,000

Other Scholarships: N7ZL Memorial Scholarship from the ARRL

College: Colorado State University

Major: Biomedical Science

Meet Meagan: She is an 18-year-old General Class Amateur Radio Licensee from Longmont, Colorado. Her interest in amateur radio includes VHF and HF phone operation, and she especially likes contesting. Last year she was a member of the winning Multi-2 entry for the state of Wyoming in the North American QSO Party.

William Reid Probst, KJ4RXM

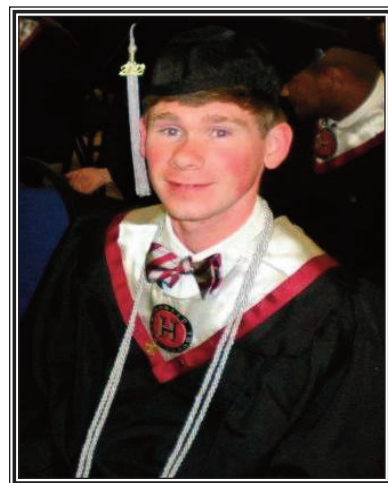
Scholarship: QCWA \$1,000

Other Scholarships: Dayton Amateur Radio Association Scholarship from the ARRL

College: University of Georgia

Major: Accounting

Meet Reid: Reid is 18 and lives in Macon, Georgia. He plans to complete the UGA Terry College of Business five-year Master's program in Accounting to become a Certified Public Accountant and aspires to become a lawyer specializing in forensic accounting and tax law. Reid is an Eagle Scout. He became a ham so he could join his father in his hobby by participating during events and setting up equipment. He also wanted to be qualified to use the radio for emergency preparedness. Reid's goal is to earn the General Class license so he can participate in a DXpedition. His mother and father are both hams.



"I can remember staying up listening to him (my father) talk and looking up the call signs to figure out where they were from. The amazement with how far away some of the places were added to my curiosity which led to me getting my license."



Sarah E. Stanley, KE5WEJ

Scholarship: QCWA \$1,000

College: University of Houston

Major: Mathematics

Meet Sara: She is 19 years old and lives in Houston, Texas. She is a Technician Class licensee and has been licensed since 2009. She is active on VHF and UHF FM, SSB and CW. Sara's dad, Steven, is KD5GUY; her mother, Bethany, is KE5WEH; and her sister, Caroline, is KE5WEK. In addition to participating in contests, Sarah volunteers as an emergency response operator for one of the POD sites in her area and she hopes to be able to use her license to help others in her community should the need arise. She said receiving this scholarship has furthered her motivation to continue both her academic and amateur radio pursuits.

"Upon watching him mount an antenna on the house, hearing the strange radio noises emanate from his study, and noticing his excitement about national contests, I grew curious about the radio world."



Allison Richard, KI4QYJ

Scholarship: QCWA \$1,000

Other Scholarships: Alumni Heritage Scholarship from the University of Alabama and a scholarship from The Knights of Columbus in Virginia Beach, Virginia

College: University of Alabama

Major: Chemical Engineering

Meet Allison: She is a 17-year-old Technician Class licensee. She lives in Virginia Beach, Virginia and has the ultimate plan to attend medical school. She has been licensed since 2006 and is active on VHF, UHF FM and Packet Radio. She has recently enjoyed making contacts with the ISS. While in college, she hopes to utilize her license while on campus. She also plans on getting involved in the amateur radio clubs where she lives. Allison's father, Charles, is W4HFZ; her mother, Lisa, is KD7SCW; and her brother, Chase, is KD7SCV.

"When I received the news that I had been awarded a scholarship from QCWA I was ecstatic. It was an amazing feeling to be rewarded for my hard work."

Andrew B. Renwick, KI6KYP

Scholarship: Tulare QCWA \$1,000

College: University of California, Davis

Major: Aerospace and Mechanical Engineering

Meet Andrew: He is 19 years old and entering in to his junior year of college. He is a University of California Regents Scholar. He holds a General Class license and operates mainly on VHF/UHF. Andrew has an interest in HF DX, using IRLP to "work DX" for now, and is hoping to put together an HF station and pursue DXCC in the future. Andrew's father is licensed as AA1UY and is a QRP enthusiast.



Christian Peterman, KK4BPS

Scholarship: QCWA \$1,000

College: East Tennessee State University

Major: Product Development Engineering

Meet Christian: Holding an Extra Class license, she is active on both the HF and VHF bands. Besides being a member of the ARRL, Christian serves as the Vice President of the amateur radio club at East Tennessee State. Some plans for the future include prototyping green generator designs that her and her Elmer have created. She said her biggest reasons for getting involved in amateur radio include getting involved in emergency communications and satisfaction of public service. She is hoping to eventually put together her own station since she also enjoys tinkering and building things.

"I was very excited to hear I had received a scholarship, especially from the QCWA. I know Bob May, K4SE, was very excited to have a student he could recommend for a scholarship."



Blake A. Silverthorn, KE5CIF

Scholarship: QCWA \$1,000

Other Scholarships: \$500 from the ARRL

College: Texas Tech University

Major: Journalism and Business Management

Meet Blake: He is a 17-year-old ham living in Plano, Texas. Blake has been licensed since 2004 and is active on VHF, UHF FM, the HF bands and enjoys contest operation and Field Day. He is an active member of the BOARS club. Blake's father, Eric, is NM5M; and his grandfather, Ernest, now a Silent Key, was KB5TNW.

"I enjoy contesting with my Dad, our biggest time together is Field Day each year and I know that is something I will continue. I also like knowing I'd be able to be of help in any emergency situation with my radio savvy abilities."

QCWA Golf Shirts with Embroidered Logo

Knit Sport Shirt w/Pocket



- Ash
- Black
- Forest Green
- Maroon
- True Navy
- True Red
- True Royal
- White

The colors displayed on your monitor may not be exact.

Jerzees® Sizes: S - 4XL. Material: 5.6-oz 50/50 cotton and polyester. Jersey knit sport shirt w/pocket and **Spandex®** stain resistance. Flat knit collar, 2-button placket, pearlized buttons, seamless body with double-needle sleeves and bottom hem. Larger sizes involve additional costs.

Cotton Pique Sport Shirt w/Pocket



- Black
- Cobalt Blue
- Iron Grey
- Maroon
- Navy
- Oyster
- Tomato Red
- White

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Port Authority® Sizes: XS - 6XL. Material: 2.5-oz 100% ETCotton®. Sport shirt w/pocket. Double-needle stitching throughout, piping detail inside neckband, flat knit collar, 3-button placket, solid white buttons. ETCotton® styled hard anti-curl collars and resist pilling, fading, wrinkling and shrinking with ease. Proven to maintain their appearance better than the competition. Larger sizes involve additional costs.



New Shirt Choices, eight different colors, more sizes and all prices include the QCWA Logo and up to three lines of information. (See example to the left) One of the lines may be placed under the logo, such as "Life Member" or "Chapter ID". The Jerzees® shirt is priced lower, and is a standard wear shirt. The Port Authority® shirt is more expensive, and is for extended wear with long wearing durability. Order the shirts at <http://www.qcwa.org/member-supplies.php> or by mail. Prices include shipping.

Jerzees® Sizes	Shipped Prices	Port Authority® Sizes	Shipped Prices
S, M, L, or XL	\$30.00	XS, S, M, L, or XL	\$44.00
2XL	\$33.00	2XL	\$48.00
3XL	\$34.00	3XL	\$49.00
4XL	\$35.00	4XL	\$50.00
		5XL	\$52.00
		6XL	\$53.00

QCWA 2013 CRUISE

Holland America ZUIDERDAM

OCTOBER 19-29, 2013



There is a **\$100** per person registration fee for this cruise.

Due to the working relationship QCWA and White Travel Services have enjoyed over the past 12 years, White Travels Services will absorb this \$100 fee if the cruise is booked through them.

WHITE TRAVEL SERVICE, INC.
127 Park Road
West Hartford, CT 06119
Phone: (800) 547-4790
Fax: (860) 236-6177

We will operate three HF Stations 24/7. Each station will be secured with a combination pad lock and the group will have the combination. Logs will be provided but CW operators should bring their own key or bug.

For cruise details, questions concerning the on board activities, radio operations, group parties, and the full sea day forums: please contact Larry McCalvy, WA9JMO at wa9jmo@wi.net by email; 262-639-7327 by land line; or 4825 Richmond Drive, Racine, Wisconsin 53406-1547 by U.S. postal service.

Check out the next page for details on the itinerary!!

Digital Edition Bonus Page



Itinerary 10-night Panama Canal / Caribbean Cruise

<u>Day</u>	<u>Date</u>	<u>Port</u>	<u>Arrive</u>	<u>Depart</u>
0	19 Oct 2013	Fort Lauderdale, Florida, US		05:00 PM
1	20 Oct 2013	Half Moon Cay, Bahamas	08:00 AM	02:30 PM
2	21 Oct 2013	At Sea		
3	22 Oct 2013	Oranjestad, Aruba	01:00 PM	11:00 PM
4	23 Oct 2013	Willemstad (Curacao), Antilles	08:00 AM	04:00 PM
5	24 Oct 2013	At Sea		
6	25 Oct 2013	Enter Panama Canal Cristobal	05:00 AM	05:00 AM
6	25 Oct 2013	Gatun Lake, Panama	09:00 AM	10:00 AM
6	25 Oct 2013	Exit Panama Canal Cristobal	01:00 PM	01:00 PM
6	25 Oct 2013	Colon, Panama	03:00 PM	07:00 PM
7	26 Oct 2013	Puerto Limon, Costa Rica	06:30 AM	04:00 PM
8	27 Oct 2013	At Sea		
9	28 Oct 2013	At Sea		
10	29 Oct 2013	Fort Lauderdale, Florida, US	07:00 AM	

RATES

All Rates (U.S. dollars) are per person based on double occupancy, capacity controlled and subject to change with out prior notice unless fully paid or under deposit. Fully paid or deposited guests will be protected, except for fuel surcharges, government taxes, other surcharges and changes to deposit, payment and cancellation terms/conditions which are subject to change without notice.

NOTE: It is important to call to confirm rates as the best available rate will be given at the time of booking to allow guests to take advantage of past passenger, senior citizen, residency or any other special promotions applicable. Bottom line: your rate may be lower....

Digital Edition Bonus Page

10-night Panama Canal

<u>Category</u>	<u>Description</u>	<u>Discounted Rate</u>	<u>Port*</u>	<u>TOTAL</u>	<u>Gov Tax+</u>	<u>Insurance**</u>
K	Inside	\$854	\$245	\$1099	\$307.09	\$111.50
J	Inside	\$874	\$245	\$1119	\$307.09	\$111.50
G	Outside	\$984	\$245	\$1229	\$307.09	\$111.50
D	Lg Outside	\$1054	\$245	\$1299	\$307.09	\$111.50
C	Lg Outside	\$1124	\$245	\$1369	\$307.09	\$111.50
VD	Balcony	\$1354	\$245	\$1599	\$307.09	\$155.50
VC	Balcony	\$1474	\$245	\$1719	\$307.09	\$155.50
VB	Balcony	\$1544	\$245	\$1789	\$307.09	\$155.50
VA	Balcony	\$1614	\$245	\$1859	\$307.09	\$155.50
SS	Sup Balcony	\$1804	\$245	\$2049	\$307.09	\$199.50
SA	Dlx Balcony	\$2804	\$245	\$3049	\$307.09	\$288.50

*Port taxes are estimated. Rates are subject to additional government fees of approx \$295.

**Insurance is provided by Travel Guard for medical and cancellation subject to covered reasons. It is not available for sale to residents in Washington or New York. Purchase MUST cover all NON-refundable trip costs.

+Taxes are estimated on 2012 sailings and are subject to change

THIRD/FOURTH GUESTS:

Until the sailings are officially open for booking, no third person rate has been established. We will advise the rate as soon as it become available.

CONCESSIONS:

\$25 ShipBoard Credit per person (1st & 2nd in room)
Complimentary Lunch in the Pinnacle Grill

FUEL SUPPLEMENT:

Holland America Lines reserves the right to re-instate the fuel supplement for all guests, should the price of light sweet crude oil according to the NYMEX (New York Mercantile Exchange Index) exceed \$70 per barrel.

DOCUMENTATION

Personal documents

All persons, including citizens of the United States, traveling between the U.S. and Canada, Mexico, Bermuda and the countries of the Caribbean must have a valid passport to enter or re-enter the United States by air. Guests are responsible to travel with proper documentation and

White Travel assumes no responsibility for advising guests of immigration requirements. All documents will be electronic documents.

On-line registration

Additionally all passengers must complete an on-line registration as soon as possible after depositing on their booking. Electronic documents will not be released unless completed at least 30 days prior.

Digital Edition Bonus Page

Electronic documentation:

All documents will be issued electronically by Holland American approximately 30 days prior to sailing.

PAYMENT & CANCELLATION TERMS

DEPOSITS:

A Deposit of \$350 per person is due within 7 days of booking via a credit card to hold a specific cabin in the group. (Subject to change)

CANCELLATION INSURANCE

White Travel Service ***STRONGLY*** recommends cancellation insurance.

For over 25 years we have been very pleased with the service provided our clients through Travel Guard via the Deluxe Vacation Protection package.

This package includes full cancellation coverage, trip interruption, trip delay and medical expenses up to \$50,000. It also includes Emergency Medical transportation and a waiver for pre-existing conditions if purchased within 14 days from making your cruise deposit.

QCWA 2013 CRUISE

Holland America ZUIDERDAM
OCTOBER 19-29, 2013



**We look forward to
seeing you
onboard!**



"The nation's leading source
of incredible cruise discounts"

Logos courtesy of each company's respective Web sites.



Rules and Regs Digest

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

DISCLAIMER: Opinions expressed by the authors of articles contributed to the Journal do not represent the official position of the Officers or Directors of the Quarter Century Wireless Association, Inc.

What Was Incentive Licensing?

Q. Just what was incentive licensing?

A. That term is so tarnished as to best not say it aloud in ham radio conversation. It can evoke painful memories and outrage. Its intent resides in Section 97.1 where it says that the rules in Part 97 are designed to provide an amateur radio service having a fundamental purpose as expressed in five principles, one of which is: (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.

Q. What was the uproar all about?

A. It began innocently enough. Ground was broken in 1949 with a FCC Notice of Proposed Rule Making in Docket No. 9259. The subsequent 1951 Report and Order adopted rules replacing the former Class A, B, C operator arrangement with our current Novice to Amateur Extra Class structure. Initially, however, General, Conditional, Advanced and Amateur Extra Class operators all had full privileges.

It became a growing concern to our amateur service community, however, some dozen years later when petitions were filed calling for frequency privileges exclusively to the higher class operators. Their underlying premise was that there should be such rewards to licensees in turn for advancing their communication and technical skills; from that the term incentive licensing was coined.

The ensuing Notice of Proposed Rule Making in Docket No. 15928 cited statements from a retired Chief Signal Officer of the U.S. Army, a bar association librarian of a large city, the president of a leading electronics manufacturing company, a college engineering instructor and a state civil defense communications director. They all deplored the low level of technical expertise within our amateur service.

Many in our amateur service community consider the 1967 follow-on Report and Order to be a most unfair and disruptive regulatory overkill. It withdrew sub-band segments from the privileges of General, Conditional and Ad-

vanced Class operators, thereby disrupting long-established HF practices. Only Amateur Extra Class operators were spared spectrum access loss. Incentive licensing's infamous reputation resulted from upsetting meat-cleaver transition.

Some General, Conditional and Advanced Class operators reacted to regain their lost privileges; they passed the written and high-speed telegraphy examinations. Others resigned themselves – often irately – to their diminished privilege status. Still others moved on to other hobbies.

In the 1980s, those who had attained Amateur Extra Class were called upon to design and assemble our volunteer examiner system. Most amateur operators listed on the ULS today became first licensed as a result of their efforts.

Our amateur service community organizers during that tumultuous episode had little comprehension of repeaters, satellites, personal computers, internet, systems and the other capabilities we now utilize in our intercommunicating; their know-how was CW/AM station vacuum tube, piece part, analogue technology. Many innovating newcomers have since joined our amateur service community and have helped to make it more functional. Although it has undergone numerous, and usually contentious, rule-makings, it began as a telegraphy-driven operator structure that has had to reinvent itself awkwardly into our present no-code artifact.

Q. Is Section 97.1 effective?

A. For over six decades, there have been no further outcries about our ineptness heard from those military, legal, manufacturer, academia and civil defense critics. Either we are now meeting their expectations or no longer matter to them. Whether our continued existence is because of or in spite of Section 97.1 is debatable.

Our U.S. amateur service community organizers are currently pursuing a licensee expansion initiative. Our National Conference of Volunteer-Examiner Coordinators has petitioned the FCC to make our amateur service accessible to as many citizens as possible (RM-10870 Sec-

tion H, paragraph 31). Moreover, people are being encouraged to experience firsthand actual amateur radio intercommunicating without licensure. For information on the use of our amateur service spectrum by non- and under-licensed persons, read BE Informed No. 25 Who Must Throw The Big Red Switch? BE Informed No. 33 Our TPMSP "Class," and BE Informed No. 56 The VPOD Protocol.

The issue, obviously, is no longer one of whether or not critics consider our hobby as fulfilling our critics' needs. Increasing the ULS numerical listings is now our self-selected preoccupation. Amateur operator license examination administration has taken on a life of its own. Building upon the efforts of our 32,000 uncompensated volunteer examiners, there has emerged a tangential commerce in publishing, distributing, retailing, training, writing and other marketable services.

Q. In 1949, I had to dump my 10 meter rig because of TVI to Channel 4. It is ironic that, after 60 years of having to accommodate VHF television, the FCC scrapped that ill-conceived analog system of stations and receivers. The spectrum it formerly occupied now lies fallow. In its place, we have available dozens of UHF high definition over-the-air channels that we rarely, if ever, view.

A. The taming of the UHF frontier and the development of communication satellites and digital technology has made it all possible. The passing of VHF TV channel 2 was especially good news for 6 meter enthusiasts.

Q. Who makes up those question sets?

A. Section 97.507(a) says each question set administered to an examinee must be prepared by a VE holding an Amateur Extra Class operator license. An Element 3 question set may also be prepared by a VE holding an Advanced Class operator license and an Element 2 question set may also be prepared by a VE holding an Advanced or General Class operator license. Section 97.507(b) says each question set administered to an examinee must utilize questions taken from the applicable question pool.

Q. Who determines the questions in the pools?

A. Our 14 VECS do that. Section 97.523 says they must cooperate in maintaining one question pool for each written examination element. In practice, the VECs elect annually a Question Pool Committee and delegate to it their pool maintaining work.

Each question on each VEC question pool must be prepared by a VE holding the required FCC-issued operator license. Section 97.523 cites Section 97.507(a). For Ele-

ment 2, that is a General, Advanced and Amateur Extra class operator; for Element 3, that is an Advanced and Amateur Extra class operator; for Element 4, that is an Amateur Extra class operator.

Each question pool must contain at least 10 times the number of questions required for a single examination. Each question pool must be published and made available to the public prior to its use for making a question set.

Q. Not having the wherewithal to install large antennas, additional HF access is meaningless to me as an upgrading inducement. Frankly, I am content with the Technician Class VHF and UHF privileges. I upgraded to Amateur Extra Class only to obtain a Group A call sign. It signals to other hams that I know all that the VECs say that there is to know about our hobby.

A. Congratulations on the upgrade! (Psst! It's our worst-kept secret that it is the reward of a Group A call sign - rather than HF inducements - that makes incentive licensing work as well as it does.) Hopefully you can acquire some HF capability soon. Sunspot Cycle 24 is now upon us. Our 17 meter band is excellent for daylight mobile operation.

Q. I disposed of my station gear and let my license expire because I was so outraged at losing frequencies when incentive licensing came in.

A. It is hard to accept that at the stroke of midnight on November 22, 1968, you and many other amateur operators suddenly became unqualified to use certain segments of our frequency bands. Under an enlightened grandfathering approach, we would probably be very close to where we are today but without the agony of the dark days of the late 1960s - early 1970s. It would have been far less disruptive to have created the ideal operator class structure for new hams and allowed those already licensed - such as you - to continue on as before.

There were two Commissioners calling for grandfathering. In the Report and Order in Docket No. 9295, Frieda Hennock and George Stirling - the only sitting Commissioner ever to hold a ham license - made an unsuccessful attempt to present a convincing argument.

If you are interested in radio technique solely with a personal aim and without pecuniary interest, you are welcome to rejoin our amateur service community. It can be the greatest hobby in the world for many radio people. If you do re-up, you will notice many changes. Our VECs now determine what it is you need to know in order to operate an amateur station properly. The examinations are vastly more accessible than before. Telegraphy skill

is no longer the backbone of qualifying.

You might even be able to get your old call sign back under the vanity system. No longer will you have to accumulate in-service time before advancing to a higher operator class. The apparatus available exceeds anything most of us could even envision back in the good old days. There is much more spectrum allocated to our use. Monitoring for violations is now our responsibility. The number of interests open for us to pursue is overwhelming.

Q. Who was the culprit?

A. No one seems to have laid claim to bringing us incentive licensing. That tells us something right there. There was a lot of finger pointing and accounts were often conflicting. Our amateur service community organizers of that that tortuous period were obviously troubled over the disparagement being shown for our amateur service community.

Those members of our Greatest Generation had survived the Great Depression and World War II. They were facing another challenge: eliminating amateur station interference to VHF television reception. Our stations at that time were mostly of rudimentary design with minimal shielding and filtering. They were highly incompatible with early VHF TV reception. Our very continuance likely depended upon transitioning to significantly better transmitter design and construction techniques. No matter what other fault goes in their direction, they did get the job done.

Q. Thanks for your recollection of the 1964-1965 New York World Fair. Although I was not yet a ham at that time, I do remember visiting that Fair with my parents.

A. It was to that very same location that my parents took me and my sister to visit the 1939 New York World Fair. It was memorable because we viewed those long-promised television images.

But that was not the very first TV image that I ever saw. That occurred two-years earlier at the 1937 Cleveland Exhibition. I remember observing a man, as well as a small flickering image of him, talking about the coming of television. He was sweating profusely under some very bright overhead lights and he wore heavy makeup. I recall him saying that some day when the TV announcer tells you to buy a can of peas, he will hold up a can of peas for you to view.

So far, the television historians that I have spoken with have not been able to pinpoint for me just what system it was that I viewed. Their presumptions are that it may have been one of the mechanical video systems that preceded all-electronic TV.

The late Margaret Kelleher, XYL of former QCWA President Jack Kelleher, worked at NBC during those early TV broadcasts. She once mentioned that there were fewer than 200 TV receivers in all of New York City during World War II. Most of them were located in the forerunners of today's sport bars. The sparse programming, understandably, consisted mostly of boxing and wrestling events.

Q. Those less-expensive belt-clip Chinese VHF/UHF radios seem to be too good to be true. Am I being rule compliant when I use one on our ham bands?

A. Very likely, because many hams do so. The proviso is that you are the one accountable for your amateur station being compliant with the technical standards in Part 97. The FCC does not review amateur station transmitter types.

At places where our amateur service is regulated by the FCC, your amateur operator/primary station license authorizes you to cause or allow an amateur station to transmit using a transmitter imported from China – or from anywhere else. You may even construct it. In fact, building one's station was the practice during much of the early years of ham radio. Still another rewarding activity for acquiring amateur station paraphernalia is kit-building.

You are considered qualified for this extraordinary privilege because you passed an examination purposely to prove that you possess the operational and technical qualifications that our VECs consider necessary to perform properly the duties of an amateur service licensee. Those duties include determining whether or not your amateur station's transmissions are compliant with Subpart D, Sections 97.301 through Section 97.313. Read BE Informed No. 38 for a collection of technical terms that you must understand in order to make those requirements meaningful.

Adapting ham radio apparatus originally produced for other applications is also a popular amateur practice. World War II surplus was a bonanza for such projects because much of it was designed for use on our amateur service spectrum. Later on, castoff private land mobile transceivers were the source from which our pioneering repeaters were assembled. The Part 90 private land mobile service continues today as the template for many of our amateur service VHF/UHF systems.

Q. How well does that self-policing arrangement work in practice?

A. Amazingly well. Many hams adopt instinctively the very best radio techniques obtainable. Our curiosity about technology and our ability to determine and interchange hands-on performance information assures that inferior apparatus is barred from our airwaves.

Q. An advertisement states that a Chinese radio model is FCC Part 90 type accepted. I have just assumed that anything good enough for the private land mobile service Part 90 must certainly be good enough for our amateur service Part 97. But, I realize now, that was just my intuition, not a provable observation. Do you know of any study that compares them requirement-by-requirement?

A. No. Expectations from some experts, however, are that any such an analysis would likely come down to a comparison between the simplified amateur service emission standards codified in Section 97.307 and their more sophisticated counterparts codified in the private land mobile general technical standards, Sections 90.201 – 90.219.

Q. What is Part 90?

A. Part 90 codifies the rules for the private land mobile radio services. Those rules establish a public safety radio pool and provide for the licensing of non-federal governmental entities - including law enforcement and fire protection – as well as medical services, rescue organizations, veterinarians, persons with disabilities, disaster relief organizations, school buses, beach patrols, establishments in isolated places, communications standby facilities, and emergency repair of public communications facilities.

Q. For one thing, private land mobile service Part 90 includes standards concerning transmitted bandwidth and frequency stability that do not likewise appear in our amateur service Part 97.

A. Correct. Those precautions are obviously needed to enable usage by unlicensed operators and provide the adjacent channel protection required for the Part 90 assigned-channel band-plan. For amateur radio, that concern is satisfied by Section 97.101 where it says:

(a) In all respects not specifically covered by FCC Rules each amateur station must be operated in accordance with good engineering and good amateur practice.

(b) Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the amateur service frequencies. No frequency will be assigned for the exclusive use of any station.

(c) At all times and on all frequencies, each control operator must give priority to stations providing emergency communications, except to stations transmitting communications for training drills and tests in RACES.

(d) No amateur operator shall willfully or maliciously interfere with or cause interference to any radio communication or signal.

Q. It is our own amateur service community that suffers from degraded reception due to high noise levels created by overly broad signals transmitted by other amateur stations. What is our recourse?

A. First, enlighten the control operators of the offending stations. When that isn't effective, report to our Amateur Auxiliary for their maintenance monitoring the particulars and call sign of the station.

Q. A transceiver is more than just a transmitter. It usually also includes a receiver, an antenna, a power source and electronic circuitry. So, there can be unintentional radiation emitted from a poorly-designed unit that acerbates our receiving noise background.

A. Precisely. Helping keep all unwanted noise to a reasonable level is one of the purposes of Part 15. It contains the technical specifications, administrative requirements and other conditions relating to the marketing of radio frequency devices. Oftentimes, when a claim is made that a device is FCC approved, it means that it is compliant with Part 15.

Q. What is the meaning of the term radio frequency device?

A. It is an apparatus which in its operation is capable of emitting RF energy by radiation, conduction or other means in sufficient degree to cause harmful interference to radio communications. Electronic devices are reviewed for compliance with Part 15 standards before they can be advertised or sold in the United States. Read SEC. 302 of the Communications Act.

Q. How does Part 15 apply to amateur operators?

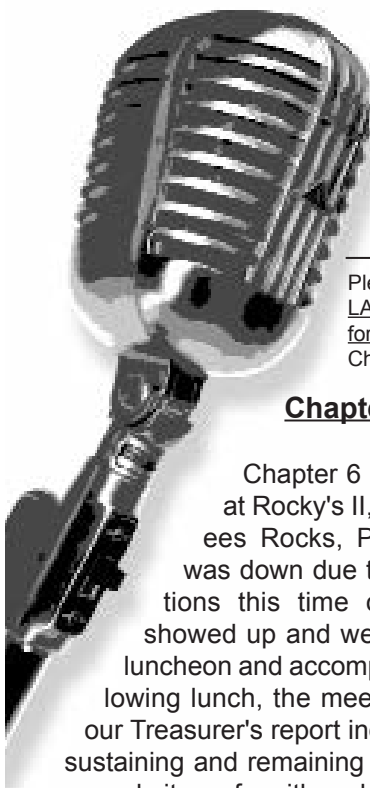
A. It primarily brings us benefits from lowered radio reception noise levels. The burden for Part 15 compliance is on the device advertiser/seller. We rely upon acquiring a device from a trustworthy seller as our assurance that it is in compliance.

Read the rules - Heed the rules

Have a question about the amateur service rules?

Visit <http://www.w3BEInformed.org>

e-mail john@johnston.net.



CHAPTER reports

Please send the reports to: Jim LaPorta, N1CC (n1cc@qcwa-hq.com) General Manager, to arrive **NO LATER** than the following dates: January 1 for Spring, April 1 for Summer, July 1 for Fall and October 1 for Winter. Reports received later than the deadline may not be published in the Journal! See below for Chapter Report submittal requirements!

Chapter 6, Pittsburgh (PA)

Chapter 6 held its summer meeting at Rocky's II, our usual venue in McKees Rocks, PA. Though attendance was down due to weddings and graduations this time of year, the undaunted showed up and we had a good time at our luncheon and accompanying discussions. Following lunch, the meeting was conducted and our Treasurer's report indicated Chapter 6 is self-sustaining and remaining in the black. There were no agenda items for either old or new business, so the meeting concluded with a brief presentation on the history, care, and feeding of the Collins 30L1 amplifier.

The venerable 30L1 was in production for over 20 years, seeing application in not only the amateur radio world, but in government and military operations as well. At 38 pounds, the amplifier was a self-contained table top unit that used four comparatively inexpensive 811A triodes. With 70 watts input, the 30L1 typically ran a kilowatt input on 80-10 meters. Although it was designed for

the 80-10 meter amateur bands of the day, with a little adjustment, the 30L1 can be used on the newer 12 and 17 meter bands as well, greatly adding to its versatility. Ruggedly built and straight forward in its design, the 30L1 is still putting out signals more than 50 years after its initial entry into the market place, which says a lot for the legacy of the Collins designers.

Pittsburgh's Chapter 6 typically meets the first Saturday of each quarter at Rocky's II in McKees Rocks, PA. Details are available by contacting Brian, K9VKY, directly, or by checking in to the Chapter 6 Sunday morning net. The net meets at 8:30 a.m. Sundays, and is hosted by Bruce, N3GHI, on the Steel City repeater 147.03+. All are welcome.

Submitted by: Brian Roberts, K9VKY, Chapter Scribe

Chapter 8, Upper Midwest (MN)

QCWA Director Baldwin and I manned our table at the Mid-Winter Hamfest in Buffalo, MN, in late March, with other members of Chapter 8 pitching in.

Our May meeting was held at Eagle's Aerie #34 in Minneapolis. We elected the following slate of Officers for 2012-13:

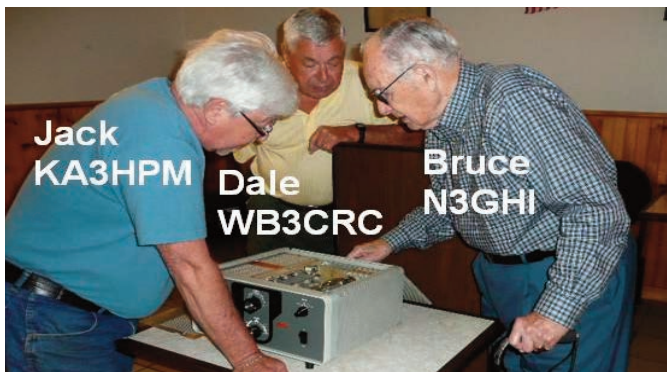
President	Dave Ruch	NFØJ
Vice President	Jim Oathout	WB0KZB
Secretary	Bob Roske	NØUF
Treasurer	Tom Steele	AAØHQ
At Large	Harold Clough	KØGT

President Rush presented the following Awards:

Bob Roske	NØUF	50 Year Golden Anniversary
Bob Roske	NØUF	50 Year Continuously Licensed

Awards were also available for, and will be emailed to:

Baldy Baldwin	WØOFY	55 Year Golden Anniversary
John Fox	WØLER	60 Year Golden Anniversary



Jack, KA3HPM; Dale, WB3CRC; and Bruce, N3GHI, inspect the workings of the Collins 30L1 Amplifier.

ATTENTION! QCWA Chapter Report Guidelines: All Chapter reports need to follow these limits set by the Publications and Publicity Standing Committee: 500 words and two photos maximum. When taking photos, group together those receiving awards rather than individual photos. Those can always be posted on a Chapter webpage. We do NOT guarantee that all photos submitted will be used! When a Chapter report is submitted, include the Chapter number in the title and then the subject line of your email and with any photos submitted. Don't forget to send us photo CAPTIONS! Preferred formats are: Word (.doc), rtf or plain text. Photos attached should be a minimum of 4 inches wide, 300 dpi color (preferred) or grayscale. Larger is fine, and .JPG, .GIF, or .TIF formats are best. Submissions are to be made via e-mail to the Editor qcwaeditor@gmail.com and General Manager n1cc@qcwa-hq.com

John Bravis WØEKS 70 Year Golden Anniversary Our nets meet:
Daily on 145.310- (no pl tone) at 1700 CST, the NCS varies

Saturdays on 3.908 MHz at 0800 CST, Baldy, WØOFY is the NCS

Check the Chapter 8 webpage for information and pictures: <http://www.qcwa.org/chapter008.htm>

Submitted by: Bob Roske, NØUF, Secretary

Chapter 9, Dayton (OH)

Chapter 9 (Dayton/Cincinnati) holds regular meetings on the SECOND Tuesday with Lunch at 11:30 AM at the MCL Cafeteria, 4485 Far Hills Ave., in Kettering, OH.

We have two Silent Keys to report: Dick Callahan, W8GNV 78, passed away May 3rd. Also we learned that Dan Graves, N8AEC, died December 6th of 2010 at age 92. He was suffering from Alzheimer's. He had been a Ham for 75 years when he died.

Hamvention has come and gone. It was a great show. The weather was perfect and the crowd was dispersed over the inside exhibits and the outside flea market. That made it hard to estimate. I would estimate that attendance was slightly more than in recent years. So there came the surprise when it was announced at the DARA election night on June 1st that attendance had topped 24,000. That is a nice jump up from the 20,000 in recent years. Vendors both inside and in the flea market were quite pleased, so were many hams walking around with their new possessions.

Our banquet went off without a hitch. It had been nip and tag in the weeks leading up to it if we could make the minimum attendance (25) required by the hotel. Well, we were 28. We had six awards to present. Jerry, WA8BOB our treasurer, got the 50-year. I myself, the 60-year; and Manny, W3NNA, who is 97, the 80-year award. The remaining three awards will be presented at the next meeting or they will be mailed to: Bruce Driver, W8JNO, 60-years; Charles Stinger, W8GFA, 60-years; and Milton Kohl, W8MK, 70-years. Milton missed the "75" by one year, so we can look forward to present him the 75 year-award next January!

By the way, we had five awards on the list that could not be awarded because membership in the national QCWA had expired.

My experience tells me that the older Hams let magazine subscriptions expire because they get overwhelmed. And believe it or not, we older Hams do not have much time. That is because things take longer, more visits to the doctor, counting the daily pills, doing "honey do" work, you name it. Also I think most assume

being member of our local club covers the national membership. This is NOT so! I will try and get a Director from the QCWA national board to come to a meeting or explain in the Chapter 19 Bulletin about our national organization.

CU at the meetings, VY 73, Gerd.

Submitted by: Gerd Schrick, WB8IFM, President

Chapter 10, Michigan (MI)



Charles E. Dewey, Jr., W0CD, (left) receives his QCWA 80th Anniversary Of Licensing Award from Chapter 10 President, Wayne Huhta, W8GXB.

Michigan Chapter 10 held its 53rd Annual Meeting on May 05, 2012, in Cadillac, MI, which was attended by 37 members and guests.

The election of officers was held and the new slate of officers is as follows: President, Wayne Huhta, W8GXB, from Goshen, IN; Vice-President, Chris Anderson, K8VJ, from South Lyon, MI; Secretary-Treasurer, James Bishop, W8JFB, from St. Ignace, MI; and Chapter Historian, Stella Bishop from St. Ignace, MI.

QCWA service awards were presented to the following members:

Meritorious Service Award 2012 to: Larry Alman, W8WR, from Greenville, MI.

80th Anniversary of Licensing Award to: Charles E. Dewey, Jr., W0CD, from Battle Creek, MI. This was the first 80th year of licensing award ever presented to a Chapter 10 member since its inception in 1959.

70th Anniversary of Licensing Award to: Nicholas Alimpich, W8PYW, from Redford, MI.

60th Anniversary of Licensing Award to: Edward J. Ireland, W8HZF, from Saginaw, MI.

55th Anniversary of Licensing Award to: David DeRain, K8ESQ, from Wolverine Lake, MI; Clements N. Duval, W8VO, from Sterling Heights, MI; Stanford H. Rowe, K6VWE, from Midland, MI; Thomas G. Schoonover, K8BTE, from Beulah, MI; Frank X. Shumsky, III, W8TVQ, from Traverse City, MI; and Edward Gansen, K8DSS, from Boyne Falls, MI.

50th Anniversary of Licensing Award and 50 Years of Continuous Licensing Award to: Robert C. Kissel, W8KPU, from Swartz Creek, MI; Kenneth R. Demaray, W8SOO, from Sault Sainte Marie, MI; Aileen J. Gagnon, WA8DHB, from Gladstone, MI; Edward Gansen, K8DSS, from Boyne Falls, MI; Albert E. Harbour, NW8M, from St. Clair, MI; Dennis A. McClure, WQ8DVD, from Petoskey, MI; Charles S. Secrest, AD8W, from Exeter, RI; Stanley W. Strangle, K8NYT, from Bruce Crossing, MI; Joseph M. Turner, K8CQF, from Saginaw, MI; and Louis P. Vescio, W8LPV, from Saginaw, MI.

QCWA Century Club Award to: David DeRain, K8ESQ, from Wolverine Lake, MI; Frank X. Shumsky, III, W8TVQ, from Traverse City, MI; Robert J. Wittla, W8KP, from Bruce Crossing, MI; and Nicholas Alimpich, W8PYW, from Redford, MI.

We extend our sincere congratulations to these members for their many accomplishments and contributions to Amateur Radio.

Chapter 10 proudly announces their new website which may be found at: <http://www.qcwa10.net/>. We thank Gordon Baldwin, W8CT, from Lake City, MI, for preparing this fine site for us and for serving as our Webmaster. Be sure to drop by and pay us a visit to catch up on the latest activities and news about Chapter 10 members.

We welcome these new members in to Chapter 10: Ernest Abel, K8RCT, from Traverse City, MI; Edward Gansen, K8DSS, from Boyne Falls, MI; Nicholas Alimpich, W8PYW, from Redford, MI; and Wallace Mur-ray, KE8HR, from Milford, MI.

Please remember all those that serve in our military and our veterans that have given so much for our country as we observe Veterans Day. We wish everyone a Happy and Blessed Thanksgiving and Christmas Season; and a Happy and Prosperous New Year in 2013.

Submitted by: James F. Bishop, W8JFB, Secretary and Treasurer

Chapter 17, Allentown-Bethlehem-Easton (PA)

There were a total of nine members at the June 16 meeting. Chapter 17 President, Joel Schwartz, WB3IWC, presiding. Other members present were: WB3IWC, W3SQ, K3ANS, K2PM, WA3PNY, NX3S, W3LR, WB3BJL and W3TDF.

Mel Bach W3SQ and his XYL (Pat) offered to host a picnic. However, there will need to be firm reservations and a firm start time. No limit on how long anyone can stay. The reasons for the firm commitments are that the last time they hosted a picnic for us they bought a lot of

food and not many people showed up. Also, some folks arrived when others were leaving. Mel will check on dates and let us know via the net on Monday, June 18th.

Our September Annual Meeting was also talked about and I said that at the next meeting I will have a list of three places to pick from in the Valley. We will also need to present a slate of officers and directors at this meeting.

After the meeting was over a discussion was held on MCE's and the changes in propagation on the bands.

Annual Meeting: September might be a long way off; however, we need to begin considering locations for the 2012 annual meeting. Last year we went back to the Richlandtown Inn and everyone seemed pleased with the location (the one drawback is the space is limited). However, we'd like to consider other locations and restaurants. If you know of another location that might be available, please contact any of the officers or directors.

We also need to consider a slate of officers and directors for the meeting. Suggestions are welcome and please contact any officer or director.

Monday Night Net: Although participation varies from week to week, we ask anyone who can get on the air to consider joining the net. It convenes Monday evenings at 8:30 on 3962+/- depending on conditions with Mel W3SQ serving as net control.

Meeting Program: Anyone with a suggestion for a program at our meetings is invited to contact an officer or director. For most meetings, there is an open agenda, so if you have some radio related topic or interest you'd like to present, the door is always open.

Submitted by: Anonymous

Chapter 18, Findlay Area (OH)



Chapter 18 met at the Southside Family Restaurant on Saturday, June 2, 2012, for breakfast. Nine members were present with Jay E. Edel, WN8HHJ, presiding.

Members reminisced about past Findlay Radio Club meetings and past Field Day efforts. Bill Kelsey, N8ET, reported that the local 2012 Field Day effort, coordinated by the Findlay Radio Club (W8FT), would be held at the

Boy Scouts of America Camp Berry, two miles south of Southside Restaurant.

Others in attendance were Joe Brown, WB8MSJ, Dick Corbin, W8IYC, Dick Davies, K8IVP, Darl Deeds, NA8W, Rick Flowers, AA8IV, Ron Griffin, N8ADH, and Jimmy Sorrels, WA9ABB.

Chapter 18 meets quarterly at the Southside Family Restaurant, 3050 South Main Street in Findlay, Ohio. Please contact Jay E. Edel WN8HHJ at jayedel@aol.com or Bill Kelsey, N8ET at N8ET@woh.rr.com for meeting times and membership information. Bill may also be reached at 419-422-5625.

Submitted by: Anonymous

Chapter 29, Finger Lakes (NY)

Chapter 29 meets the last Friday of every month at Denny's Restaurant on South Bay Road at 11:30 am. Please join us if you are in the area.

President WB2YGN opened the April meeting with everyone reintroducing themselves by name and call sign. Mention was made of the passing of N2AO's XYL. It was reported that Joe Dreher, W2TKG, is increasingly homebound and will likely be unable to make future meetings. Joe would appreciate cards, letters, and on-air contacts.

Fred, WB2PEM, had snapped a photo of the granddaughter of Doug Falcon, N2JOM making a contact during the 2011 Field Day and submitted it to QST. The photo ran on page 20 of the April 2012 issue with the heading "One of last year's best."

Sharon, KA2TNK, read several letters of thanks from the QCWA Scholarship Fund for donations in memory of Charlie Floring, W2AK, and in honor of N2AO's recent 75th anniversary award. A card was received from Charlie's daughter thanking us for presenting his 80th year anniversary award to her.

John, WB2YGN, mentioned that Jim LaPorta, N1CC, is the new QCWA General Manager. Jim can be reached at n1cc@qcwa-hq.com.

We thought the Friday before Memorial Day Weekend might reduce attendance at the May meeting but 27 showed up. First time attendees, Doug and Marty Falcon, were welcomed. John then thanked everyone for signing the card he received following surgery on his left shoulder.

The recent deaths of WA2IMX and W2BCH were mentioned, and cards were passed around and signed to be sent to their families.

Roger, WA2AEW, passed around several photographs of a 20s style radio with the "Shamrock" brand clearly visible. The square chassis looked a little strange in the Quarter Century Wireless Association

large rectangular wooden housing and Roger was asking if anyone had any information on this brand. Jerry, K2QJB, brought in an old-style "in house intercom" he had purchased at the recent Antique Wireless Associate Spring Meet and it was passed around so we could examine its internal construction.

John, WB2YGN, mentioned that there is a lot of e-mail flying around on the state of the QCWA's membership list. Bob Roske, N0UF, is working to straighten things out.

It was hot and steamy outside, nice and comfortable inside for the 26 who attended the June meeting. President, WB2YGN, called the meeting to order five minutes late due to highly technical complications. The clapper on his bell had become stuck, and it took that long to free it.

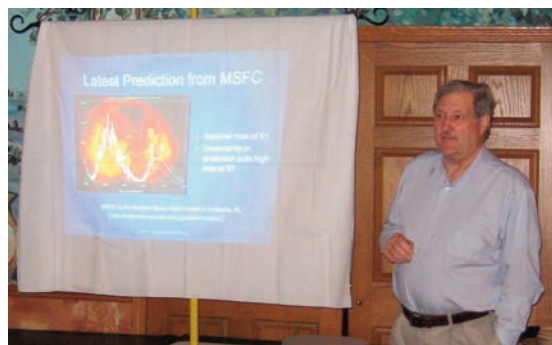
John mentioned that there are a number of certificates and awards available from the QCWA. It was also noted that the QCWA has a page on Facebook where information may be exchanged.

Joseph Dreher, W2TKG/W9WOD, of Baldwinsville, died Thursday, May 24, 2012, on his 93rd birthday, at Crouse Hospital after a short illness.

Thanks to Steve N2TKX, our Chapter 29 Newsletter editor, for helping with the above information.

Submitted by: Al May, WA2KFV

Chapter 36, Northwest Indiana (IN)



Carl, K9LA, giving presentation on Solar Cycle 24 during a meeting.

We had an excellent presentation at our April meeting by Carl Luetzelschwab, K9LA, on Solar Cycle 24. Carl and his wife Vicky, AE9YL, who live in Ft. Wayne, Ind., made the long drive across state to join our meeting and provide us with the presentation, but since he is from this area and still has family here, he has managed to visit us several times now and we're always glad to see the two of them. Carl is an expert on solar propagation and has authored numerous articles on this topic (and others). His presentation to us was also published on page 33 of the July issue of QST. Well done, Carl, and thanks!

Thanks also to our other show-and-tell contributors, John Miller, W9ZG, and Larry Sargent, KC9IU. John

showed us a nice homebrew mic-to-radio adaptor that allows him to switch microphones between Kenwood and Yaesu radios in his shack. This adaptor could easily be made for other brand radios also, including those using RJ-45 network style mic plugs. Larry's new toy was a Baofeng UV-5R dual-band HT (2m/440). Other brand Chinese radios sell for a little over \$100, but the little Baofeng can be found brand new for under \$50 (in black), shipping included! How incredible is that? Colors are available for only \$1.50 more. These rigs have 4 watts and a dual line display. For only \$40-45 they have a 2W version with a single line display, the UV-3R. Most folks I've heard from recommend getting the optional programming cable and programming from a PC rather than from the menu. A free programming application called Chirp is available on the web. These low prices were found at www.radioshop888.com, but may also be available elsewhere, and some other dealers may be able to match or beat them.

Thanks to Claudette Harrison, KA9IXZ, who gave a very special presentation at our June meeting. Claudette is working with a community outreach program to help kids improve their learning skills using a specialized software application called, "BrainWare Safari." The exercises in this program are played much like a video game. Although Claudette's focus is on neighborhood school children, this software advertises its benefits are worthwhile for everyone from age 6-106. Yep, that's all of us! And maybe many of us could use some help with maintaining our cognitive skills. This is not free software, however. If you think it might help you, or could be used to help youngsters in your area, check them out on the web at www.mybrainware.com. If you'd like to help Claudette in her efforts, please read the full details from the June meeting on our Web site.

Every month we have a good turnout with good food and fun. Come out and visit us sometime, we'd be glad to have you too! Please see our website at www.chapter36.org for full details, photos, and meeting information, or look us up on Facebook and Google Plus.

Submitted by: Stan Vandiver, W4SV, President

Chapter 38, San Antonio (TX)

Warm greetings to all from the city of the Alamo and the Riverwalk. We start with the April program which featured Ernie Reich, W5FQA, with his presentation of "Winlink, Winmore and More". Ernie explained to the audience how he has been active in these modes and how to get involved using them. The audience had quite a few questions on this topic and Ernie W5FQA explained them to the audience's satisfaction.

For the May presentation, the program was conducted by the club's treasurer, Terry Platt, K5ADF, with his presentation of "Hamvention". Terry manages to attend the Dayton Convention every year, a dream for most of us that are unable to attend. Terry discussed the new equipment at Kenwood which now had a crowd around checking it out, a big difference from last year that had a very sparse crowd. Terry went on discussing the rest of the displays.

Unfortunately on May 13, Bill Minton, AA5HI, became a Silent Key at the age of 97. Bill served in the U.S. Navy during WWII from 1939-1945 as a Radar Technician First Class. His career as a specialist in the field of Nondestructive Testing of engineering materials spanned 48 years, during which he designed, constructed and performed field applications of ultrasonic magnetic particle, liquid penetrant and mechanical inspection instruments and equipment. Bill served as president of several radio clubs in the San Antonio area.

For our June meeting, the presentation was "APRS" conducted by our president, Larry Higgins, W5EX. He covered the subject quite well, including how to access the weather reports from different locations in West Texas. He discussed and displayed an economical way to get involved with the Tiny Trak 4 GPS Position Encoder.



Submitted by: Chetto Cumpian WB6BIE, Secretary

Chapter 45, Citrus (FL)

Our monthly meetings have continued to be successful with an average of about 25 per meeting. At our last meeting, we were fortunate to have National Director, Ken Simpson, and his wife, Sue, in attendance. Ken gave an excellent presentation on the recent changes within QCWA, including the subject of paper versus digital; he also spoke about the forthcoming cruise in 2013. A lively question and answer session followed.

At our May meeting, Don Kelsey, W2VBW, was awarded his 65 year Certificate. This is a remarkable achievement especially since he is still a very active member of our Chapter.

At least four of the 25 members present at our June Meeting are anxiously looking forward to the Panama Canal Cruise, and there should be more from the Chapter. I especially am looking forward to it as I lived there from 1935-1941.

The Chapter owns and operates an open repeater, W4PLA, operating on 147.195 MHz (no tone). Scheduled net is at 1930 hours local time on Tuesday of each week. We recently installed a link to permit EchoLink users to check into this net. The link is W2AS-L and the node # is 627152. All hams are invited to check in and anyone passing through at net time is especially welcome.



Don Kelsey, W2VBW receiving his 65 year certificate from President, Al LaPeter, W2AS.

Submitted by: Al LaPeter, W2AS, President

Chapter 46 (Founder's) and Chapter 181 (Hudson Valley) - Council of Northeast Chapters (CONEX)

The Council of Northeast Chapters of QCWA (CONEX) held its annual meeting in the afternoon at the San Martino Ristorante in Yonkers, New York on Sunday, June 10, 2012. This was a joint meeting with the Founder's Chapter 46 and the Hudson Valley Chapter 181.

We were especially saddened by the passing of Stan Egelberg, W2WQK. We first had a minute of silence in Stan's memory as well as the memory of Steve Mendelsohn, W2ML; Dick Robinson, W2OZA; and Mark Grossman, K2CON, all with Stan now as silent keys.

Everyone enjoyed the excellent luncheon.

Our guest speaker, Joyce Birmingham, KA2ANF, is the Director for the Hudson Division of the ARRL, the national association for amateur radio. Joyce made a QCWA certificate presentation to Martin Wincott, K2BRY, on 60 years as a licensed amateur. She spoke on "What's New in Amateur Radio and the ARRL Hudson Division." KA2ANF has been licensed since 1979 and is on the DXCC Honor Roll with 333 countries confirmed. She likes hamfests, club meetings, and likes to see what others are doing in ham radio, doing VE Sessions and helping

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new hams get on the air.

Sy Yuter, W2NBT, gave the treasurer's report, but there are no dues and every QCWA member in the Northeast is automatically a member of CONEX.

CONEX held an election for officers and directors and the following were elected: President, Gerry Georgopolis, WF1D; Vice President, Mike Sturm, KA2E; Secretary, Frank Lauri, W2IX; and Treasurer, Sy Yuter, W2NBT. The following directors were elected: George Schomberg, K2YLH; Gus Levy, W2LAP; Manny Cohen, K2ILF; Lou Leonard, WA2UIJ; and Stu Ballinger, WA2BSS.

To the list of Honored Past Directors were added John Weber, KA2IXW; Dick Robinson, W2OZA; and Stan Egelberg, W2WQK, all silent keys.

The CONEX net meets every Sunday at 8:30 on 3.917 mhz.



Joyce Birmingham, KA2ANF, awarding a QCWA 60-year certificate to Martin Wincott, K2BRY.

Submitted by: Sy Yuter, W2NBT, Treasurer

Chapter 53, Suncoast (FL)

There were 28 members, spouses, and friends present at our 04 April lunch/meeting. President Conrad Owens, WA3RRS, announced that we have the list of National Members who are eligible for pins and certificates showing they have been licensed 50 or more years, and that these items will be ordered from headquarters in the near future. San Yoder, K3SY, presented an award winning documentary on the 1889 Johnstown, Pennsylvania flood, with additional photos of the 1936 flood, plus photos and video of the 1977 flood in which San assisted with emergency communications.

Our 02 May lunch/meeting was our last one for the 2011-2012 season and only 18 members, spouses, and friends were in attendance. Vic Ouellette, K1CGI, presented an interesting video pro-gram, "1000 Miles Up the Amazon and Devil's Island," which documented the highlights of his 2010 trip to that region of South America.

On 06 June, we enjoyed our first informal monthly gathering, with 14 members, spouses, and friends showing

up at the Panda Pavilion in Venice. Many eyeball QSOs ensued during and beyond lunch time.

From October through May, Suncoast Chapter 53 meets at Denny's, 3701 Bee Ridge Road, Sarasota, FL, at 11:15 AM the first Wednesday of the month. We also have informal lunches, on the same monthly schedule, June through September, at the Panda Pavilion, 1765 South Tamiami Trail (US 41) in Venice, FL. All QCWA members living in, or visiting, the Florida Suncoast area are always welcome. Please contact our president, Conrad Owens, WA3RRS, via his email address - kdowns39@hotmail.com if you are in the area and would like to join with us.



President Conrad Owens, WA3RRS, (right) thanks San Owens, K3SY, for his presentation at the April Chapter 53 meeting.

Submitted by: Jack Sproat, W4JS, Secretary

Chapter 62, Suwannee (FL)

At the April meeting, President Ned Davis, WB4BKO, informed us he would not be returning until the October meeting and we were informed of the latest changes at the QCWA headquarters. We had a large turnout at the June meeting and signed up a couple new members. Lyle Greeno, W4OMK, gave us a talk about his operating experiences in Bangkok and other parts of the world. Vice President Ken Simpson, W8EK, provided additional information on the headquarters changes.

Our meetings are held at the Golden Corral, 2111 SW College Road in Ocala at 1:15 p.m, and everyone is welcome to join us. Please check in to our net on Saturdays at 9 a.m. on 3940 KHz.

Chapter 62 is currently holding meetings on the fourth Thursday of the even numbered months.

Submitted by: Doug Hawkins, W3HH, Secretary

Chapter 64, El Paso (TX)

Greetings from Chapter 64 in El Paso, TX and southern NM! With regret we must report two of our chapter mem-

bers as Silent Keys - Robert C. Smith, K5VRF, and Junia "Lee" Polk, K5MZT, were both long time El Paso hams and were active in local organizations including QCWA. Both Bob and Lee contributed greatly to the local ham community over many years. Both were veterans having served their country with pride, honor, and distinction. Donations to the QCWA Scholarship Memorial Fund were made by this chapter in their honor.

Our chapter has a monthly luncheon meeting on the third Saturday of each month at 11:00 AM local time (lunch) and 12:00 PM (meeting) at the Golden Corral, located near the intersection of the North-South Freeway (US 54 South) and Transmountain Road (Woodrow Bean) next to the Wal-Mart store in Northeast El Paso. We also enjoy a weekly net on Saturdays at 0830 local mountain time on 3933 KHz. Net control operators vary, using our chapter station call, W5RO. Out-of-town check-ins are especially welcome! Adios, amigos, God bless!

Submitted by: Rick Rumbaugh, W5PIE, Director

Chapter 69 – Everglades (FL)

This Chapter is alive and well. Our meeting location is the China Buffet, and the meal compliments the meeting. Everyone leaves with a full stomach. We recently had elections and the present officers were elected to keep their positions. Pete, N8PR, will remain as President; Mike, W4DL, Vice President; and Mark, K2AU, Sec/Treas. The officers along with the members have worked hard to keep the chapter running smoothly.

The need to have more programs at the meeting was discussed. We have a member, Kai, KE4PT, who will give us technical presentations. Kai has done several articles for QST. We welcome his experience. Jeff, WA4AW, has also said he would give talks about happenings with the QCWA. Jeff is involved in many positions in Palm Beach County. Pete, N8PR, would also give talks about his traveling throughout the country/world. We also might get Ron, W4BP, to talk about cubical quad antennas. We will also get videos that cover many subjects for the ham community.

Chuck, W4ROA, has had his share of medical problems and is now in rehab. At the last meeting, we all signed a Get Well card for him, and Bob, WA2IES, brought it to him. The club also sends get well messages to Sue, Bobbi, and Marion, WB4RFB.

A new member was added to our roster. His name is Dick and his call is K9DHU. Welcome to the club! Well, that's it for this quarter.

Submitted by: Mark, K2AU, Secretary

Chapter 73 Fred Hammond (Canada)

There were 50 people in attendance at our Spring meeting on April 28, 2012. Coffee was available as people gathered at 9 a.m. at The Mohawk Inn in Campbellville, Ontario.

Mary Card VE3FEB, President, called the meeting to order at 10 a.m. Several guests were introduced. Mary reported that Paul Cassel, VE3SY, is not well and is currently in the hospital. He has been our Webmaster but is not able to continue those duties. Chuck Wilson, VE3IUO, has been appointed our new Webmaster.

Ron Gimbel, VE3DBD, Vice President, who had attended the QCWA forum at the Orlando Hamcation in February, reported on the changes at QCWA Headquarters. Effective March 26, 2012, the new General Manager is Jim LaPorta, N1CC, and his wife Linda LaPorta, NE5LL, is the office assistant. The QCWA HQ is now situated in Mabank, Texas.

The Financial Report was given by Jean Gimbel, VE3CBQ, Secretary-Treasurer.

Harold Braun, VE3CD, reported on the Hammond Museum and he suggested that Nori is usually there on Thursdays to show people around. Larry Asp, VE3RF, brought three radios – Addison, Katalin and Hallicrafters – from the Museum for a “Show & Tell.”

Harold Braun, Awards Chairman, presented the following certificates:

50 Years – Mary Card, VE3FEB; Len Morris, VE3FJB; David Thorne, VE3LDT; Norman Lawton, VE3ON; and Paul Cassel, VE3SY.

55 Years – William Ambler, VE3CFY; Ron Gimbel, VE3DBD; Bert Almemo, VE3OBU; and Larry Asp, VE3RF.

65 Years – Al Vanderburgh, VE3ARV; J.J. MacQuarrie, VE3AWY; Jim Thompson, VE3BCA; and Fred Wilkinson, VE3HE.

Century Club – Paul Waechter, VE3BBB; and Ron Nickle, VE3SF.

Mary introduced our guest speaker, Justin Kominar, VE3LVN, and his friend, Jason Shedick. who told us about their successful launch and recovery of “Haven 1,” the high altitude balloon project, which took place on

July 23, 2011. The balloon was launched from near Goderich, Ontario, and recovered south of Alma, Ontario, three hours later. They had a visual presentation on the screen of the launch and recovery and also brought the recovered balloon along to show us. Everyone then enjoyed a delicious buffet meal, after which Bert Almemo, VE3NR, looked after the prize draws. We would like to thank the people who donated the prizes for this meeting. The next meeting will be on Saturday, October 27, 2012 at the same location, The Mohawk Inn, in Campbellville, Ontario.

Submitted by: Jean Gimbel, VE3CBQ, Secretary and Treasurer

Chapter 76, Hendersonville (NC)

In April, Ray Christopher, PhD, spoke with us about a government sponsored project he worked on 36 years ago that cataloged young faults in the eastern United States. Christopher, who holds a doctorate in geology, said one of the most interesting faults was one that appeared to extend under the East Wing of the White House. In the process of building the Washington Metro during the 1970's, a rock formation was encountered that was much harder than anticipated. The geologists suspected a fault and drilled four auger holes in Lafayette Park immediately north of the White House. The data obtained confirmed the presence of a fault that extended through the immediate area, including the East Wing. The August 23, 2011, earthquake near Mineral, Va., may be a good reason to revisit the 1970's study. Christopher's talk also detailed the mechanism of faults and provided insights into topics unfamiliar to most of us.

In May, Jeff, K4JAB, gave a presentation on Commercial Aviation Air-Ground Data Link for the past, present, and future. The discussion briefly covered VHF analog and digital, SATCOM, and HF digital for past and present systems. The topic regarding future aviation technology was a brief outline of the proposed FAA Next Generation System (NextGen), which will dramatically change air traffic



Joe, W4WZ, delivering a presentation on homebrew gear.

based on Data Link usage. (Jeff had worked as an engineer on these systems for 10 years prior to retirement.)

In June, Joe, W4WZ, gave a talk covering many details of homebrew gear, and brought a variety of equipment he had built over the years. The display included several tube-type receivers of increasing complexity, low power tube transmitters, and various other items including an early keyer. The extensive display covered three tables!

Our meetings are on the first or third Wednesday of the month at the Golden Corral in Hendersonville. With fall now here, you are welcome to join us if you are visiting the area, just to see all the club has to offer.

Submitted by: Jeff, K4JAB

Chapter 85, Ark-La-Tex (LA)

Our quarterly meeting was held on April 28, 2012, at the Main Library in Bossier City, LA. The meeting was well attended. The main topic of discussion was how to proceed with our project to establish a working amateur radio station in a public place. The station would demonstrate amateur radio to the public and, when needed, serve as an emergency communications station. The membership agreed to investigate possible locations for such a station.

We will miss Dick Bruns, K7VQ, as a member of our chapter. Dick and his wife Barbara moved to Tucson, AZ. We wish them much happiness in their new QTH.

Mike McCrary, WB5LJQ, is working to bring D-Star to all of North Louisiana. As a result of his efforts, several additional D-Star capable repeaters will be coming on-line soon. K5SHV, the amateur station at the National Weather Service office in Shreveport, now has D-Star capability, thanks to donations by the Amateur Radio Club of Shreveport (ARCOS) and QCWA Chapter 85.

The "lunch bunch" continues to meet at 11 a.m. every Thursday at Strawn's Eat Shop on Airline Drive in Bossier City. Everyone is welcome.

Submitted by: John Stewart, AA5KV

Chapter 91, Vic Clark Chapter (DC)

The speaker planned for our April meeting had to cancel at the last minute, but that did not keep us from having a good time and an informative meeting. Sometimes the best programs are buried in the folds of member memories. We swapped stories about makeshift equipment, compromised antenna installations, the early days of SSB, and the fun of knowing a ham by his "fist" on a straight key. The meeting went longer than usual and could have kept on longer still.

In May we took a field trip to the National Cryptologic Museum located north of Washington, D. C. A few of the fascinating devices on display were the following:

- SIGSALY was the first secure voice encryption system for telephones. Invented and built by Bell Telephone Laboratories in 1943, it had several technological "firsts" including pulse code modulation for speech transmission, multilevel frequency shift keying and bandwidth compression. It took 13 people to operate and required 15 minutes to set up a phone call. The system used recordings of purely random noise for its security process. Both the sending and receiving station had copies of acetate records and as one "encrypted" the voice, the other "decrypted." Understandably, voice quality was quite poor, but it was secure. SIGSALY was not broken by the Axis powers.

- ENIGMA, an electromechanical crypto machine that used a combination of wired rotors and plugs to change each letter as it was typed, was used by the Germans in World War II. When a letter was typed on the Enigma keyboard, the machine responded by illuminating another letter on a light panel. The Allies succeeded in breaking the Enigma messages, a capability that some historians believe shortened the war by as many as two years.

- The StorageTek exhibit features an automated tape cartridge system with the capacity for 6,000 tape cartridges each holding 50 gigabytes of data: a total of 300 terabytes. (300 terabytes would fill enough 8.5x11 paper to circle the globe more than 3,000 times!) Using a robotic arm, this StorageTek machine is capable of exchanging 175 cartridges per hour.

For our June meeting our President Doug Reece, AK4AO, presented a tutorial on how to get started in digital modes. Some advantages of digital modes such as PSK-31 include easy, automated operations, the ability to work the world with modest gear, and support for digital message traffic for emergency communications.

Doug demonstrated the use of Fldigi, one of the popular programs for digital mode support. Fldigi can decode multiple signals simultaneously, highlight CQ calls in red, and allow the signal to be tuned with a mouse click. There is a button to look the station up in qrz.com, and another button to send a response to the CQ. Fldigi includes a logging component that can be configured to automatically forward the log entry to eqsl.cc.

Submitted by: Doug Reece, AK4AO

Chapter 106, German Chapter

Greetings from German Chapter #106! As in the years before, QCWA German Chapter #106 held its Annual Meeting on the second weekend in May, 2012.

From Thursday, May 10, until Sunday, May 13, eighteen chapter members, accompanied by their friends, wives, spouses and one dog enjoyed not only the personal meeting, but also visiting the historical, cultural, and culinary 'sights' in and around Bordesholm (Schleswig/Holstein) in the Kiel area.

We walked along the old Viking trails and visited Haithabu museum and village, listened to Ben's talk about the Bruggemann Altar (carved in oak wood and covered with scenes from the Holy Bible) in the Schleswig Dome, and enjoyed the mighty cream cakes in a local café. Everyone took pleasure in the official program as well as the cozy get-together.

Of course, the annual meeting for the chapter members was an important event in the timeline of the weekend. Chairman 'Gun' Mader, DL3YA, gave his particular report to the attendees. Two new members (DG1HVL, #35630 and DL6BAI, #35714) were welcomed, and all those present celebrated the memory of



Congratulate our oldest member DF2TU, Heiner from Kirchzellinsfurt on his 92nd Birthday.

DJ3VC, #20929, SK. This year, several QCWA awards were waiting to be issued in the meeting. Among other members, it was Eberhard Warnecke, DJ8OT, former chairman of the German DIG-group, who received both his "Century Club Award" and the "Anniversary Award" for 50 years of licensing. Congratulations to everyone.

Siegfried, DC9XU, was presented a silver cup for being QCWA Net control on 80m for over 10 years, continuously. Thank you! There will be a special QSO Party on 80 meters in September, to commemorate the founding of the German Chapter #106 in 1977, 35 years ago.

Next year's meeting will be held in Burg/Spreewald in the east of Germany, close to the border of Poland (SP). The region is not only famous for its unspoiled inland delta with an extremely compact network of waterways (its unique cultural heritage), but also for the 'Spreewald' gherkins, in the form of the region's famous sour gherkins, spiced gherkins, hot pepper gherkins, garlic gherkins and mustard gherkins ... you'd better come and taste for yourself.

A lot more information about the German Chapter #106 can be found on the chapter's homepage: <http://www.qcwa.de>

Submitted by: Anonymous

Chapter 107, Lakeland (FL)



The Chapter 107 group enjoying Clara's fine cooking.

Chapter 107 meets on the 3rd Saturday of each month at Clara's Butterfly Restaurant in Lakeland. We have 17 members, with an average of 9 members attending each meeting.

We make our presence known by postings on the websites of the Lakeland Amateur Radio Club and the Lake Wales Repeater Association, and we have also gained additional members by using this media.

All interested local hams, area visitors and members of other chapters are welcome to join us. Contact Rip at aa4ht@tampabay.rr.com or Jack at k4byf@tampabay.rr.com for more information.

Submitted by: Anonymous

Chapter 108, Beaver State (OR)



Beaver State Chapter #108 and Pacific Coast Chapter #175 Joint Meeting.

For our last meeting, we had a joint get-together with the Pacific Coast Chapter 175. They are located on the coast of Oregon and we are located in the Willamette Valley. We met together once before, and everyone had enjoyed that visit, so as a chapter, we agreed a repeat was an excellent idea. It gives us an opportunity to get acquainted with other hams in the area, to share ideas and to share plans. We met halfway between the two chapters, so driving would be comparable for everyone. Interestingly enough, there is only one town with a restaurant

that is about halfway, has good food, and is large enough to serve all of us, so it became our meeting place of choice. Good food is always a criterion for a meeting location with our chapter.

A talk was given by one of our members, Vaughn, KB7CHM. He told us about his vast career with the telephone company, setting up communication lines for the Portland Trail Blazers, and his work with the Olympic Committee. What a career! He also showed us an older, but very interesting training video on SWR by AT&T Bell Labs. Everyone enjoyed it. The video is available on our website at www.beaverstateqcwa.org.

Well, that is enough for now. See you next quarter.

Submitted by: Howard Honig, WB7OK, Secretary and Treasurer

Chapter 111, Palm Beach (FL)



Tom, W2TMT, Chapter President; John, K2CIB and Jeff, WA4AW, QCWA Director and Chapter Secretary

Greetings from the sunny Palm Beaches!! The Palm Beach Chapter meets on the last Tuesday monthly, 11:30 hrs, at our new location, the Carving Station restaurant, 6418 Lake Worth Road, Lake Worth, FL. If your travels bring you to our neck of the woods, please join us for our monthly luncheon meetings.

Everyone seems to like our new meeting venue at the Carving Station. Good food, service and most of all, the camaraderie is enjoyed by all.

At our May gathering, we were pleased to confer the QCWA 60 year Service Award to John Samuels, K2CIB. John is very active in the Palm Beach County ham community. He currently serves as President of the Palms West ARC and Vice President of the AREC Repeater Group.

Our June luncheon hosted 18 members and guests. Chapter President Tom Thompson, W2TMT, conferred the QCWA Century Club Award to Hugh Blair, K4HCB. QCWA National Director, Jeff Beals, WA4AW, explained the new dues structure which begins on July 1, 2012. The upcoming Reno convention and 2013 cruise were also

announced and discussed among the chapter membership. Two new members joined QCWA at this meeting, George Berrich, KQ8Z and Wayne Lutz, N4PZJ. Welcome to QCWA and our Chapter.

Representatives of our local clubs in Palm Beach and Broward counties were on hand to announce their activities. Field Day was the topic of discussion and all agreed that it was a soggy weekend thanks to TS Debby. The next local hamfest coming up is at Ft. Pierce on August 11th.

Submitted by: Jeff Beals, WA4AW, QCWA Director and Chapter Secretary

Chapter 112, Yankee (RI)

Our annual meeting was held on April 14, 2012 at the Chateau Restaurant in Norton, MA.

Skip, WB6VVA, opened the meeting with 14 members and guests attending.

Nominations: A motion for nominations for President, Secretary, Treasurer and Vice President were accepted and approved. New officers for 2012-2013 are: President, Anne Manna, WB1ARU; Vice President, Bob Smith, KK3P; Secretary, Janice Lentz, K4IJK; and Treasurer, Charles Walbridge, K1IGD.

Anne, WB1ARU, reported that Dave Rego, W1GCA, our net control has suffered a stroke and is convalescing in Alabama with his son. Cards were sent to Dave Rego, W1GCA; Colin Leath, K1IXU; and Blanche Randles, W4GXZ.

We have just received sad news that one of our members is a Silent Key: Morton Bardfield, W1UQ, passed away in June, our condolences to the family. Cards are being sent to the family.

Motion to donate \$50 for Silent Keys to the QCWA Scholarship Fund for Charles R. Cross, K2HA, and Harry D. Azadian, W1ODO. Motion accepted and approved.

AWARDS: Awards were presented by our new President, Anne, WB1ARU.

50 Years: Syl Gookin, N1DKF; 60 Years: Robert Wood, W1VYI; Charles Walbridge, K1IGD; 65 Years: Joseph Volpe, K1JV; Morton Bardfield, W1UQ(SK); 70 Years: Ernest Bossleman, W1DO

Our Winter meeting scheduled in February 2012 in Westport, MA, was cancelled due to the snow storm that was predicted never happened.

Our next meeting will be our Annual Picnic on July 14, 2012 at the New England Wireless and Steam Museum, East Greenwich, Rhode Island. Join us if you are in the area.

Submitted by: Janice, K4IJK, Secretary

Chapter 114, North Texas (TX)

Our chapter has been busy with events involving the community. We have also been in an active recruiting effort to bring in new members. Our most recent meeting was held on June 7, 2012, at Luby's Cafeteria in Wichita Falls, TX. The fellowship and food were both excellent. The evening was capped off with a knowledge game involving terms used in amateur radio and knowledge of electronics. The winner was Herb Sleeper, WB5PHM, and his knowledge of ac sine wave was the tie breaker. Congratulations go to Herb as the tech of the month.

On a tragic note, our events chairman Mike Brown, KK5ZB, sadly became a silent key just nine days after the meeting. He was killed by a drunk driver who pulled out in front of his motorcycle. We will all miss Mike and his big smile.

Until next time, have a great summer and see you all on the air.

Submitted by: Newt Campbell, W5DAD, Secretary

Chapter 120, Quarter Century Wireless Women – QCWW

Our Annual Meeting and Election of Chapter Officers will take place during the QCWA Convention in Reno, 25-27 September, 2012. Our meeting will take place on Tuesday, 25 September, 2012, from 5 to 6 PM. The last time QCWA held a convention this far west was in 1998 in Palm Desert, California. So hopefully, we will get a few folks from the western half of the country to attend our event. I am hoping to see many of you new and long time attendees in Reno. If the meeting becomes boring, we can always adjourn to the hotel's entertainment.

I would like to see some new candidates step forward for the officer positions as we have been recycling the current board for several years. Not much to do and only one meeting a year in conjunction with the QCWA convention.

I am also interested in re-establishing the QCWW net on 20-meters, if band conditions ever improve. Anyone interested in a weekly or monthly net?

I hope your summer was not too hot and you did get to enjoy some of it as part of a family vacation. Vacations are nice and even more so the more family and friends you have to share it with.

Submitted by: Larry McCalvy, WA9JMO, Secretary and Treasurer

Chapter 126, Piedmont (NC)

Receiving their April 2012 National QSO Party Participation Certificates, Chapter 126 Members KJ4WD, W4BQP and W4CHX.

The Piedmont Chapter #126 held its regular meeting on Saturday, June 9, 2012, at The Classic Restaurant in Denton, NC. There were 27 members and guests present. The following board members were present: Wayne, W4HG; Carl, KJ4WD; Wes, WJ4DX; Gray, WX4F; Tom, N4TL; and Chuck, K4HF. Among the items discussed was the lack of other suitable meeting locations. Several good ideas were presented for future programs. It was also suggested that the chapter consider acquiring a wireless portable PA system to go with our programs. Board members will research this equipment and report at the next board meeting. The next Chapter 126 Meeting will be September 8, 2012, at the Bestfood Cafeteria in Siler City, NC. All Chapter 126 members are encouraged to be on the lookout for new members and guests and make them feel welcome.

At the general meeting, following blessing, the introductions included saying where their current ham station was located.

Century Club Membership and 55 Year Licensed Certificates were presented to Rae, K4SWN. Gray, WX4F, won the 50/50 drawing and a QCWA Cap. Guest Tom Cox, KB5SYK, won an ARRL 160M DXing Book. In accordance with the QCWA Chapter 126 QSO Party Incentive Program rules W4BQP, W4CHX, KJ4WD and WB4DCM were presented Participation Certificates and W4CHX won the eligible participants cash prize drawing. W4DGJ and W4WXZ missed only one session of our weekly net.

An interesting program was presented by Tom Lewis, N4TL, on ham station grounding for lightning protection.

New Chapter 126 members include WA4ROC, K4BYN, N6UYB, N8DDK, KB4IRR, W4BQP and WW4RB. New Chapter 126 Life Members are WA4AKB, KB4EXL, N8DDK and AE4LD, W4STQ and WX4F. At the recent

Raleigh Hamfest Chapter 126 senior members Bill Finch, W4EHF, and Weldon Fields, W4AJT who are 99 and 97 years young were presented their membership Certificates to the State of North Carolina Order of the Long Leaf Pine. These certificates, signed by Governor Beverly Perdue, recognize them for their several years of traffic and emergency communications services to the citizens of North Carolina.

It was also mentioned that you can now pay for QCWA membership and supplies by PayPal and Credit Card through the national website.

We thank Mary Jo, K4MJL and Lee Ponto for their administrative help again today. Don't forget our weekly chapter net at 8:45am local time each Saturday on 3.826 MHz. Remember the September 7 QCWA QSO Party and our next meeting on September 8.

Submitted by: Chuck Littlewood, K4HF

Chapter 134, Pine Tree (ME)

The most recent meeting of this chapter was just after the Hermon Hamfest. The meeting was held at the Happy China Super Buffet in Bangor, ME, on June 22, 2012. There were 10 members and guests present. The fact that we were having a history-making Nor'easter might account for the relatively sparse attendance at what is normally a popular meeting.

A moment of silence was observed for chapter member Ed Watts, W1HS, who became a Silent Key on May 6, 2012 - RIP. Chapter President George Szadis, K1GDI, will send a sympathy card on behalf of our chapter to his family. His obituary will be published in the October, 2012, newsletter. He had led a colorful life and some of his exploits were remembered in the meeting. It was also noted that Bill Woodhead, N1KAT, the Pine Cone Net Manager, was in a severe auto accident and is slowly recovering.

In a joint effort with the Merrymeeting Amateur Radio Association, we operated a special event station, N1R, from 6 p.m. on Friday, May 18, to 6 a.m. Saturday, May 19. The Relay for Life event is an activity sponsored by the American Cancer Society primarily to show cancer survivors and caregivers in the community that there are a great many people who care what happens to them. It involves teams of walkers whose members take turns

walking around a quarter-mile track from before dusk to after dawn, symbolizing the cancer survivors' trek through the dark shadows of treatment, and entering a new day of life without cancer, as an amazing number of them actually do. In addition there are various ceremonies celebrating survivors, caregivers, and remembering those who have not survived. It also raises a whole lot of money.

In addition to running the N1R operation, we also fielded a Relay Team (Ham and Eggheads), captained by George, K1GDI (a remarkably gifted fund raiser). We had a total of 16 participants, George, K1GDI, QCWA Chapter President; Andrea Mishou (George's daughter); Don, KA1WAL; Marjorie, KX1I; Jim Turner, KX1I/OM; Dan, N5AGG; Andy, KB1DOI; Joe (newly minted Extra), AB1RA; Fran, K1BBJ; Harry, N1TTT (SAG-EC); Bruce, W1ZE; Donna Downing, W1ZE/YL; Fred, WA1SKP; Nancy Lauckner, AA4AK/XYL; Jim Souliere (nephew of Nancy and Steve, and maybe a prospective ham); and Steve, AA4AK. We extend our thanks to all who participated.

N1R made about 160 contacts, including a very intense pileup of Russian stations on 20-meter CW late Friday evening. One high point was an early morning 40-meter CW contact with K7R, a Relay for Life Special Event station in Arizona. Unlike the typical Field Day or Special Event operation, when we were not talking on the radio, we were taking laps around the track. Most importantly, we did not

cause any interference to any of the other electronics that were bristling about the relay site and the American Cancer Society is eager to have us back in 2013. This was unlike any ham radio event any of us had ever experienced before. We extend our most heartfelt thanks to all who were involved.

Submitted by: Steve Kercel, AA4AK, Secretary and Treasurer

Chapter 135, Mid-Michigan

The Mid-Michigan Chapter of the Quarter Century Wire-less Association was founded in 1981. The members meet on the last Saturday of each month at 8:00 am.



N1R: Foreground right, George Szadis, K1GDI, Chapter 134 President; in the middle, Steve Kercel, AA4AK, Secretary and Treasurer of Chapter 134; foreground left, Jim Souliere, Steve's nephew; barely visible inside the tent rolling up QSOs on 20 M SSB, MARA President Dan Lind-sley, N5AGG.

Currently the meeting location is Grumpy's Restaurant on South Pennsylvania Avenue in Lansing, Michigan. The men enjoy breakfast and talk about their latest contacts. These discussions are led by President, Al Conn, W8RXY. Visitors are always welcome to join the group.

The interests of the members vary among the club. Some members enjoy HF bands while others work on QRP and VHF. Two members of the club are affiliated with Army Mars. This gives a wide base for discussion each month.

Don Tillitson, WB8NUS, serves as Vice President and does a great job of contacting all members prior to each meeting. He runs the 2 meter net for Chapter 135 on Tuesday nights at 8:00 pm. The frequency is 146.700 with a PL tone 107.2.

Two current members have held long standing Amateur Radio licenses: Richard McGuire, KI8C, 55 years, and Charles Stahl, N8DWI, 60 years.

John Jellema, K1ND, drove to Lansing from Ypsilanti to join our group at the June meeting. He is a member and past President of Chapter 10 while also becoming a member of the Mid-Michigan Chapter 135. He shared his experiences with Ham Radio and graciously took pictures of the attending group.



Back row: Jim Harvey, KA8DDQ; Al Conn, W8RXY, President; Ken Kruger, W8AAX; Ken McGuire, KC8LTL; Dan Fuller, W8VVR. **Front row:** Charles Stahl, N8DWI; Don Tillitson, WB8NUS, Vice President; John Ingraham, N8GL; John Hosford, KC8QZB; Don Cote, KD8BD; Richard McGuire, KI8C.

Submitted by: Anonymous

Chapter 138, Marconi Chapter (NJ)

Chapter 138 is part of the InfoAge Science History Learning Center and Museum in Wall, N.J. The buildings were built by the Marconi Wireless company in the early 20th century. Bernie, WB2EJT, President, and Bob, W2OD, Secretary, are waiting for the first group of 200 children to visit the center this day. We tell a story, in a very simplistic way, of code and radio development in the



Bernie Ricciardi, WB2EJT, president; Bob Buus, W2OD, secretary; shown in front of QCWA display awaiting the first group of a total of 200 middle school children and teachers.

past 19th and 20th century and we introduce the listeners to the codes of the 21st century.

A hands-on display was also built by our chapter. Topics of discussion include: Morse code and how things started in the U.S. The train on the display slowly moves on the track back and forth between the Supreme Court building in Washington, DC and the Baltimore, MD, railroad station. Along the tracks there are a series of telegraph poles similar to what you would have seen in old Wild West days. Each pole has a set of LED lights that flash as a telegraph code pulse passes through each of them. At the end of the railroad line there is an old telegraph key and sounder. These items are similar to what telegraph operators used in the early 1900s at this Marconi radio station. When a person "hits the key" at either station, the click of the sounder is heard and seen as signals travel to and from the stations. As a special treat, there is also a button that automatically sends the first telegraph message, "What Hath God Wrought?" between Samuel F. B. Morse in Washington to his associate Alfred Vail in Baltimore and back. The invention they had demonstrated was destined to change the world.

As the simple binary telegraphy signals move from one point to another, where telegraph operators manually deliver the signals to other locations, today's internet is introduced.

The next part of the exhibit focuses on the transatlantic radio signals of Marconi. There is an actual spark gap device shown at the Poldhu, England transmitting site and a receiving station in Newfoundland. The stories of Marconi's adventure are presented in whatever detail the audience wants. When a person presses the signal button, sparks start to fly from the spark gap and the LEDs will sequentially blink as the "dit-dit-dit" signal travels from Poldhu to Newfoundland. The signal is seen and heard. Also, at the Newfoundland end, the Titanic is shown and a discussion of the lives saved and the impact on com-

munications is discussed.

Everything is fully operational and the audience has fun participating and sending the signals. For more information, visit the museum's Web site at www.InfoAge.org.

If you need any more information, please contact me at 732-526-9259.

Submitted by: Bernie Ricciardi, WB2EJT

Chapter 141, Amarillo (TX)

Amarillo would like to extend a welcome to Amber Pelletier, K1AMP, of Midlothian, Texas, as the new QCWA Journal Editor. Welcome aboard.

Our chapter's primary events of the year are: Christmas Party, Panhandle Amateur Radio Club's Picnic, and "Route 66 On The Air." We may consider adding another function, like some kind of a relaxing gathering.

Chapter 141 had two tables at the 2012 PARC Picnic where we sold a few donated items at their swapfest; the proceeds will go towards purchasing QSL cards for Route 66 On The Air.

Betty and Maury Sproul, W5UGQ and W5UGR, attended the Dayton Hamvention again this year. No doubt, Maury brought back a few hi-tech items for his home lab. The group looks forward to Betty entertaining us with some good stories of their adventures. She is very good at providing reports of activities.

Summer is upon us, hot weather is coming, Field Day is about to become history. Many of us are working in our yards, and some of us are blessed with the task of fighting baby tumbleweeds. Who would have thought that would be a problem for those living in Amarillo?

Our group is small and diverse. That diversity may provide the chemistry that makes our group function so well together. Some of the members are into contesting (Sweepstakes, CQ World Wide, Ten Meter Contest, SKCC events and Texas QSO Party, to name a few). Some like to do rag chewing on the HF bands while a few enjoy net operation. Some spend time with the digital modes like RTTY and PSK31. VHF/UHF weak signal operation gets a little attention. At least one of our members is into space communications. Some chase awards while a couple of others are into frequency measuring. A few feed the birds and squirrels in their backyards. Some of us have spoiled pets. Most enjoy good food (a downfall for some of us). We aren't a large group, with usually a dozen or fewer attending each meeting.

Straight Key Night will be coming up on New Year's Eve. Lots of guys and a few YLs put vintage gear on the air during this event. SKN is a fun activity, even if one is using state of the art radios. The one requirement is to use a straight key or bug to key the transmitter. Think

about making a couple of contacts during this event. You will probably enjoy the time spent, even if your Morse is a bit rusty. This notice gives you a little time to bone up and maybe even get a vintage rig ready if you are so inclined.

This quarter Chapter 141 is spotlighting Dan McCabe, WA8YYE. See "Our Living Heritage" on the QCWA Web site and you will find Dan's bio posted there. We would like to express our appreciation to Bob Roske, N0UF, the national president, for maintaining this site.

Should you and your spouse be visiting or passing through Amarillo on the 4th Thursday of the month (except for November and December), you are invited to join us at our Chapter meeting at 6:30 p.m. for food or ice cream treats at the Braum's that is located on 1900 S. Grand Ave. The actual meeting begins at 7 p.m. with Brad Miskimen, N5LUL, our chapter President presiding. Meetings normally last 45 minutes to an hour.

Submitted by: Jim Musgrove, K5BZH, Secretary

Chapter 149, Nutmeg (CT)

The Annual Meeting and Spring Luncheon of the Nutmeg Chapter 149 was held at Tommy's Restaurant in Middletown, CT, on May 12, 2012. Twenty three people were in attendance at this quarterly gathering.

Officers for the coming year were officially re-elected and installed. Congratulations to Chapter President Mike Schindler, K1AMS, Vice President, Mark Mokoski, K1PU, Secretary Steve Ewald, WV1X, and Treasurer Gary Awsiukiewicz, K1MQ.

We also recognized and honored several Nutmeg Chapter members for being licensed radio amateurs for 50 or more years. Award certificates from QCWA National Headquarters were presented to John Huntoon, W1RW (80 years licensed) and Don Gouin, K1CMM (55 years licensed). Congratulations!

Fred Heffner, W1CKV, a member of Chapter 149, gave a very interesting talk and slide show presentation about his career as a "voicer" for Austin Organs, Inc., of Hartford, CT. Fred explained how pipe organs work, how they are constructed, tuned and -- finally, how they are "voiced." The organ "really is a work of art," he said. For more information on Austin Organs, visit the company's Web site at www.austinorgans.com.

Submitted by: Steve Ewald, WV1X, Secretary

Chapter 150, DEL-MAR-VA (DE)

Our Spring Picnic was held on Saturday May 5, 2012, at the QTH of Dick Drevo, (W3GNQ) in Lewes, DE and

was well attended. We plan on having a Fall picnic but a date has not been selected as of this time.

Chapter 150 luncheon meetings are held the second Wednesday of each month at 12:00 noon at the Greene Turtle Restaurant in Lewes, DE. Any change in location will be announced on our Sunday on air net and on our web site. All are welcome to attend.

Chapter 150 meets on the air every Sunday at 9:00 AM local time on 146.82 MHz (-). Please join us if you are in the area.

Photos and additional information are available on our web site www.qcwa150.com or contact John Willmuth, NQ4Q, at willmuth@dmv.com.

Submitted by: John Willmuth, NQ4Q, Secretary and Treasurer

Chapter 151, Alberta Wild Rose



Rob Wilson, VE6CCL, receives his 50 year certificate from Ken Oelke, VE6AFO.

Chapter 151 had its Spring Luncheon Meeting on April 26, 2012. Chapter President, Ken Oelke, VE6AFO welcomed members, friends, and guests. The financial statements for the Chapter were presented and accepted by the membership. The financial statements indicated that from September 1, 2011, to April 27, 2012, Chapter 151 had a surplus of \$378.92 over expenses. There was no old business, or ongoing business to discuss. Under new business, the membership agreed to donate \$100 to Nick Jensen, VE6OBS, for hosting the Chapter 151 website. The membership also discussed a donation to QCWA National to help defray the RI Convention deficit. The discussion was tabled until the next meeting so that members could receive additional information. Fifty-year award certificates were presented to Rob Wilson, VE6CCL, and Dave Craig, VE6DKC.

The next meeting of Chapter 151 will be held September 2012.

Submitted by: Mitch Goodjohn, VE6SM, Secretary

Chapter 160 - St. George (Utah)

Chapter 160 celebrated its 25 years since receiving its Chapter in 1987. Some of those original members were on hand at the annual Spring Fling held in Mesquite, Nevada on April 3rd. The group was not large, however, a good time was had by all. A picnic was held in the city park and in the evening a sit down dinner was enjoyed by members, wives and visitors.

Certificates were given or mailed to members who earned them in the last year.

K7UOT Thomas Chandler – 50 year

N7UT Doug Hendricks – 55 year

W7ISD Norman Priebe – 60 year

W7DKR Dave Raab – 60 year

Our members who live in and near St George, Utah, meet twice a month for a breakfast meeting at the local Denney's. These meetings have a good turnout and have been held for the past 24 years.

The Utah Ham Fest will be held at Ruby's Inn in Bryce Canyon National Park, Utah. Continuing the Pioneer Spirit of Amateur Radio is theme of this Rocky Mountain Section Level ARRL actively, starting July 27 thru 29, 2012. Our Chapter will have a table in the vendor area where we will be answering questions and recruiting for QCWA. We are working towards setting up a working AM station even if it is only across the room.

We are planning an early dinner on the 19th of September for all the folks here in Northern Utah, more on this later.

In the last year we have gained two new members and we welcome them into the Chapter.



From left to right - W7WTV; W7CKD, our Chapter Secretary; W7DKR, President; W7QAN, joined QCWA before 1987; W7FVM, in back; W7UT and W7NMK.

Submitted by: Dave Raab, W7DKR, President

Chapter 162, Southeast Wisconsin (WI)

After many years of hosting Chapter 162's picnic and annual Field Day, the Farm is no longer available for

these events. The new owner is a non-Ham and has other plans for the property.

At the May business meeting the membership voted to not participate in Field Day for 2012, suspend the weekly 9 PM Thursday net for the summer months, and not host a picnic for this year. We did not set up a field day site but I understand there are still check-ins to the Thursday evening net and there has been talk of holding a picnic with another area Ham group. So it appears at least the last two events may continue to occur.

Chapter 162 would like to congratulate Lisa Pontello, KC9REM, a student at Gateway Technical College, as the 2012 Spencer Clope, W9LDH, \$500 Scholarship awardee. Lisa is pursuing degrees in Electrical Engineering Technology, Biomedical Engineering Technology, Electronics Technicians, and Sustainable Energy Systems. Lisa was one of three applicants to apply for this year's scholarship.

It is with a sad note that I report past President Lloyd Gorsiski, WB9RGO, as a Silent Key. Lloyd fought a long hard battle until the very end. Rest in Peace old Friend!

Submitted by: Larry McCalvy, WA9JMO

Chapter 165, York County (PA)

This Chapter continues meeting bi-monthly at Hoss's Restaurant on White Street in York, except for our annual meeting in December and our annual family picnic in June.

For our picnic this year, we met on June 16th at the outdoor pavilion of the Keystone VHF Club in York, PA. There were 12 members and 9 guests in attendance.

The chapter continues with the program of supplying ARRL License Manuals to young students in the area that are enrolled in a Technician study class.



The picture shows left to right Dennis K3NVI; John, WA4RBQ; AL, WB3GRN; Walt, K3DQB; Ron, K3TZJ; Jerry, WB2VIE; Don, WX4C; Tim, WA3KYD; Charlie, W3PRG.

Submitted by: Ray Shaub, W3AXC, Secretary and Treasurer

Chapter 169 - Sacramento Valley

Chapter President, Robin Alexander, NX6Z, opens each meeting with excitement and big welcomes to each member and guest. Programs for the quarter included: DX movies and off road vehicles using ham radios. One very interesting speaker was Rod Sorenson, W6NAV, who spoke on X-ray machines that were used to see underground by the pyramids.

Chapter 169's new 2 meter net is coming along. There will be a door prize drawing every meeting for those who check-in.

I am requesting the 50 year certificates for members Tim Ryan, K6RHM; Wendell Shipman, K6RP; and Ray Gillett, KF6FU. I am also requesting a 55-year certificate for Tim, K6RHM.

We meet the second Wednesday of the month at Denny's, located at 7900 College Town Dr. in Sacramento. The restaurant is north of Hwy 50 on the west side of Howe Ave. The gathering starts around 11 a.m. for the no-host lunch and the meeting starts at 12noon. We try to finish by 1:30 p.m. Everyone is always welcome. For more information, contact our Chapter Secretary, William Keller, WA6PAY, at 916-456-0957.

Submitted by: William Keller, WA6PAY, Secretary

Chapter 177, Riverside (CA)



Pictured from left to right: K6RXK, W6TKV, WA6TLL, KF6BNQ, WA6RYK, and W6IEG.

Our Quarterly Meeting of QCWA Chapter #177 was held in the back room of Flo's Farmhouse Café in Riverside, CA. Flo's has a great menu and you can certainly find something you will enjoy. It was an excellent turnout of Chapter Members, family and friends. There were 11 people present and it was good to see a few we had not seen for a while. This is the second year that we have been on a quarterly versus a monthly schedule and day-

time versus evening meetings. As our members get older, they prefer not to drive at night. This schedule seems to work best for all. Prior to the program, each person told us what they had been up to since our last meeting.

We had a GREAT program during the meeting. Barrie Britton, W6DX, shared his vast knowledge of batteries and battery systems with us. Barrie is a tremendous resource on the subject. He has over 30 years experience working with Boeing Systems and is now retired. He made the subject very understandable and although it was necessary to scratch the surface of chemistry, he made it easy to make sense of it. He covered all types of batteries from simple cells to state of the art batteries used in missiles and guided bombs. Of course, all material he presented was not classified! He had a thorough PowerPoint presentation that he used, along with his excellent narrative. It generated a lot of questions and Barrie took the time to answer them all.

We continue to hold our monthly Simplex Net on the first Tuesday of every month at 1930 on 145.580 MHz. The next one will be on July 3rd. Our 3rd Quarterly Meeting will be on September 26th. Location and program details have not been finalized yet. From the choices we have, it should be a good one! I hope everyone's summer is starting off well and all your Ham Radio projects are either well underway or your plans are near completion.

73,

Submitted by: Bob Wade, W6RTW, Secretary and Treasurer

Chapter 202, Old Dominion - Roanoke (VA)

In the spring Herman Cone, N4CH, President of Chapter 202 presented the 75 year certificate to Harry Dallison, W4MLQ. Harry was first licensed in 1933 by the Federal Radio Commission. He is still active on 2 Meters and is a member of the Retired Old Coots. Also at the presentation was Frank Hannel, W4EZE, who received his 75 year certificate a year ago. Between these two is over 150



Chapter President Herman, N4CH, presents the 75 year certificate to Harry, W4MIQ.

years of QCWA. He is also active and a member of the ROC. Chapter 202 is fortunate to have these two elite members.

Once again this year, an amateur radio display was set up for Family Day at the D-Day Memorial on Saturday, July 21st. Radiograms were taken from some of the visitors and passed them on to Frank, K4HOA on 2 Meters for delivery. A 20 Meter Dipole was strung in the short trees. It was up about 7 feet above ground. A K2 on CW was used to work WZ4L in Smyrna, TN and AA2YK in Modena, NY with the Chapter call WW2DDM (World War 2 D Day Memorial). Some WWII radio gear was on display including a J-38 straight key and a carbon mike. Our booth was manned by Stan, K4UK; Riley, K4ORD; Buddy, W4YE; and Phil, K9PJ. Due to the light rain in the morning the attendance this year was much less than years in the past. The two QCWA Chapter 202 banners were set up at our location, so visitors knew what club was participating.

A meeting was held at the Roanoke Hamfest in August. Certificates were presented to: W4ALE -55 years; W4YE-60 years; and K4UK-65 years. The program was presented by AJ4FM a video of the K5D, Desecheo Island DXpedition.

Submitted by: Bill Svec, WA4BKW, Secretary

Chapter 206 - Honolulu (HI)

The Honolulu Chapter is small (tiny actually) BUT we meet frequently. Visitors to Hawaii are welcomed.

Every Tuesday, at 7 a.m., we meet for breakfast and cordial conversation at the SIZZLER Restaurant at Pearl Ridge. Lots of free parking and the bus stops adjacent to the restaurant. We have members who ride the bus from Downtown Waikiki every Tuesday. The breakfast meeting is informal and we welcome visitors.

Submitted by: Joan, KA4DPW, President and John, K1ER, Secretary

Chapter 210, Omaha (NE)

August 2012, marks the 10th anniversary of Omaha Chapter 210. We meet for monthly luncheons on the 4th Thursday, January through October, and then combine the November/December meeting on the 1st Thursday of December. The Luncheon location is at The Old Country Buffet 14525 W. Center Road in Omaha. A section of the dining area is set aside for our luncheon/meeting.

Our monthly luncheon is open to all radio amateurs and

their guests. The attendance is anywhere from 26 to 35 people and everyone is invited to join us for good fellowship and conversation.

We had two awards presented at our May luncheon. The first was to Rollie Bremers, W0AYR, with a 65 Year Certificate, and the second was to Dick Newsome, W0HXL, with a 55 Year Certificate.

The College World Series is taking place in Omaha as I write this report, as well as the U.S. Olympic Swim Trials, also in Omaha. We are definitely a hub of activity for amateur sports. This weekend has also been filled with the annual ARRL Field Day, and most operators are trying to recover from the operating activity and all the heat and humidity.

Check out the Omaha Chapter 210 web site, courtesy of our webmaster, Jack Powley, WA0SAQ. The address is <http://qcwa-chapter210.tripod.com/>

Submitted by: Dick Newsome, W0HXL, Secretary and Treasurer

Chapter 211, Neosho Valley (KS)



Bob (Left) WA0BMS receives 50 year and Continuous Certificates from Ch 211 President Bob (right) W0WPL.

Chapter 213, Fresno (CA)

Greetings from Fresno Chapter 213. Our monthly meetings are on the 4th Tuesday at Noon at Carrow's Restaurant, 4480 N. Blackstone, in Fresno. All QCWA members are welcome to attend if they are in the Fresno area on our meeting day. Our meetings are very informal with an average attendance of 20 members and guests. W6GV was again active in the ARRL Field Day. It is hoped that more Chapter 213 members will be active in the QCWA QSO Parties.

Submitted by: Charles McConnell, W6DPD, Secretary and Treasurer

Chapter 219, Northeastern Wisconsin (WI)

Chapter 219 had its spring meeting on May 26, 2012 at Tastebuds Restaurant in Marinette, WI. It was very well attended, with 12 members and 3 guests. Besides

the standard agenda items, we discussed the associate member situation and also mentioned that we had manned the QCWA booth at the AES Superfest in Milwaukee on March 30-31. Chapter President Dave, W8DXX, talked about attending the banquet in Dayton and meeting the new general manager, Jim LaPorta, N1CC, and the President-elect Ken Oelke, VE6AFO.

After the meeting, we went to the Karl Schmidt Unisia factory for a two and a half hour tour by Ron Kadlubowski, their Advanced Technology Manager. In our pre-tour information to QCWA members, we had mentioned that those attending should "get ready to walk and to be amazed." There were no disappointments with this excellent tour. They are one of the world's leading manufacturers of pistons. Their specifications get down to microns in tolerances and they are manufacturing thousands of pistons per day at their 24 hour a day, seven days a week operation.

It was sobering to hear that the only machines capable of achieving these fine tolerances are made in Germany or Japan. One of the company's biggest challenges is getting workers who have high technical skills, and it was fascinating to see their use of robotics.

Our summer meeting will be in conjunction with the UP Hamfest in Escanaba, MI on August 4, 2012.

Submitted by: Anonymous

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Chapter 202



Chapter 151



Chapter 73



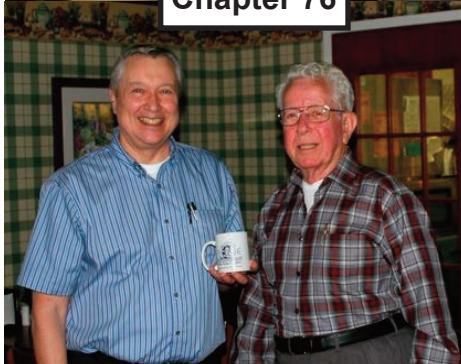
Chapter 76



Chapter 111



Chapter 45



Chapter 36



Chapter 53



Chapter 28



Chapter 160



Chapter 126



SPECIAL ANNOUNCEMENTS!

New Chapters Approved



Effective September 2, 2012 QCWA announces the approval of a new Chapter centered on Hagerstown Maryland. Chapter 222 has been named the “Hiram Percy Maxim Memorial Chapter”, with added permission given by ARRL by President Kay Craigie, N3KN to use the ARRL Founder’s name. September 2nd is Hiram’s Birthday!

The founding members of Chapter 222 include: John Johnston, W3BE; Joe Plum, WB8QPG; W. Page Pyne, WA3EOP; E. Allen Brown, KZ3AB; Richard L. Stallings, N8UKC; Charles W. McElwee, W3BBC; Cletus W. Whitaker, WB2CPN; Maurice E. Eigenbrode, NI2W; Jack L. Willock, W3NHR; and Thomas B. Carpenter, W3YVV. The Chapter center is near the resting place of Hiram Percy Maxim, and it is their desire to promote knowledge about HPM’s history and the advancement of Amateur Radio.

Effective June 15, 2012, QCWA Chapter 221 was formed and named in honor of Harvey Chase, W4TG as the “HARVEY CHASE MEMORIAL CHAPTER OF CENTRAL GEORGIA” organized in the Macon and Warner Robins area of Georgia to serve an area that has not had a regional chapter in the past.

Chapter 221 was founded by the following QCWA Members:

Charles Pennington, K4GK	John W Louth, WB4EEL
Otis Murphy, W4OY	William M Tyler, Jr.
Frank L Hough, K4ICT	John F. Norwich, W4FGA
Benjamin J. Russell, N6SL	

Six of the founders joined QCWA the same day to help form this new Chapter. Their “coach” was Ken Simpson, W8EK.



QCWA MEMBERS ONLY WEB SITE IS OPEN



July 1, 2012 QCWA opens Members Only Website (Hutchinson MN and Mabank TX) QCWA began a new move towards digitization of the Journal and Media Resources for Members. You need to give headquarters your email address information to get on this new website!

Please send your Email address along with your Member Number in an email to: n1cc@qcwa-hq.com or use the “Contact HQ” button on our open website

<http://www.qcwa.org/contact-hq.php> . We still have over 3,000 active members that have not done this yet!

IRS Information

QCWA is required to provide full financial disclosure, authorization documents, and Sarbanes-Oxley statements in the public area of the QCWA website to be in full compliance with changes to the IRS rules for Non-Profit Organizations.

The button on the main QCWA page “IRS Information is now operational and we are in full compliance. See <http://www.qcwa.org/IRS/index.htm> to view.

Hamshacks of Yesteryear

By Jim Musgrove, K5BZH

During the SKCC Weekend "Sprintathon" that occurred on Easter Weekend, things got kind of slow. I was sitting at my operating position, eyeballing a set of shelves in my shack, and noticed a little gray Heathkit box. It was a Conelrad monitor. That's when I started thinking about how different hamshacks of yesteryear were from those of today.



Many of us were first licensed in the fifties and sixties. We have fond memories of the hamshacks of that era. The atmosphere wasn't as sterile as one finds in the hamshack of today. Even the shacks of the seasoned operators with higher class licenses were vastly different in that era compared to what one finds today.

Let me take you into a typical novice shack of the fifties. As we enter the shack we see the wall has maybe 75 QSL cards tacked on the walls. There is also a blue ARRL Rag Chewers Club Certificate. A WRL Map is tacked right above the rig. The operating table has a



Hallicrafters S-38B and a homebrew transmitter with a 6AG7 crystal controlled oscillator driving a 6L6 final to about 35 watts input. (Power was measured in those years by input; the output would have been about 65 to 75 percent of the input). A ceramic knife switch is used to change the antenna from the receiver to

the transmitter. The receiver had to be muted by hitting the standby switch or turning the RF gain down and the transmitter put in the operate position to send. QSK wasn't around in those days. A J-38 key is used to key the transmitter. A paper logbook has all of the contacts recorded, as required by the FCC; many included the CQ's. An ARRL Handbook and a Flying Horse Callbook is on the edge of the table.

A general class shack might have belonged to a seasoned operator that made significantly more money than the typical novice and someone with a few more

years under his belt. The rig might have been as elegant as a Hallicrafters SX-71 receiver and a Johnson Viking II transmitter that included a Meissner EX Signal Shifter (affectionately known as a Signal Drifter) or a Johnson VFO. It no doubt had an antenna relay that was a little more elegant for switching the antenna from the receiver to the transmitter, with contacts to mute the receiver and turn the B+ on for the transmitter. The microphone could have been an Astatic JT-30 and the key might well have been a Vibroplex bug. There was probably a display piece or two, something like a 304TL tube or some piece of old ham gear. Yep, that wall still had QSLs, probably a better assortment that included some good DX cards.



Truthfully hamshacks of that era seemed to all be a little different. There was no telling what one might find. They tended to be very interesting. Many had a box or chest of drawers that contained items that were up for swap; a visitor was able to take a piece if he replaced it with another piece of equal value. Homebrewing was a lot more common in those years.

After looking at that little Conelrad monitor and a few other items in my current shack, I sent an email to several hams I knew to see what they could recall finding in the shack of yesteryear.

The internet email QSO resulted in a list of items that most of us would recognize. I quickly realized that the collective list was much longer than any of us could have recalled individually. Let me share the resulting list; no doubt many of you could add to it.



Items one might find in Hamshacks of Yesteryear:

1. Framed FCC License
2. QSL cards tacked to the wall
3. WRL Map tacked to the wall
4. ARRL Rag Chewers Certificate
5. WAS Certificate
6. DXCC Certificate
7. 24 Hour analog clock
8. Numicron Clock
9. Paper Logbook
10. Red Horse Callbook
11. ARRL Handbook
12. West Coast Handbook
13. Slide Rule
14. Catalogs from firms such as Allied Radio, Burstein-Applebee, Radio Shack, Walter Ashe and World Radio Laboratories
15. Magazines such as CQ, QST, Popular Electronics, Popular Mechanics and Radio-TV News
16. Code Practice Oscillator
17. E.F. Johnson buzzer
18. Morse Code Instructograph
19. 78 RPM Code Records
20. J-38 Key
21. Poker Chip used as Navy knob on telegraph key
22. Vibroplex Bug
23. Johnson Bug
24. Key Click Filter
25. FL8 audio filter
26. Light Bulb Dummy Load
27. FT241 Crystals (used for building crystal filters)
28. FT243 Crystals (used for transmitter oscillators)
29. Material to grind crystals to shift the frequency. Small piece of glass, grinding compound of some type (soap, valve grinding compound, sandpaper or emery cloth). Pencil lead or solder could lower the frequency slightly.
30. Knife Switch (for antenna changeover)
31. Dow Key Antenna Relay
32. Low Pass Filter
33. 72 ohm Twinlead in use
34. Open Wire line
35. Twisted Lamp Cord used for antenna feed line
36. ARC5 receivers and transmitters
37. BC-348 receiver
38. BC-375 transmitter
39. VOM
40. VTVM
41. Grid Dip Oscillator
42. Unger Soldering Iron
43. Weller Soldering Gun
44. Real Solder
45. Plug-in coils
46. LM Frequency Meter
47. 100 KC Crystal Calibrator
48. Wavemeter
49. Neon Bulb used for RF output indicator to aid in tuning a transmitter
50. Dial Lamp used instead of a meter movement in a simple novice class transmitter
51. Teletype Machine most were models 15 or 19
52. Magnetic Headphones
53. Headphones with tip plugs



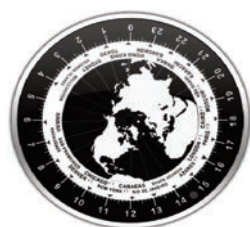
Match the pictures below and on the next page to an item in the list above. Put the Item Number to the right of the picture. Email or snail mail your matching Numbers to HQ to win a prize!

In case of a tie, what is the name of the Tie Breaker device? Items continue on Page 38.

A_____



B_____



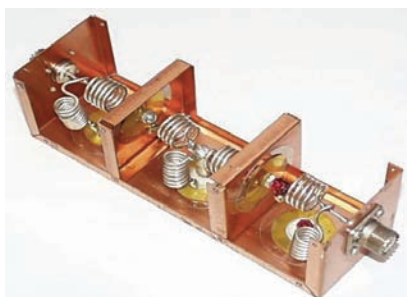
C_____



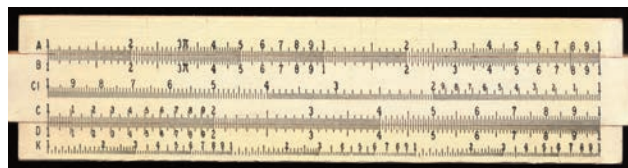
D_____



E _____



F _____



G _____



H _____



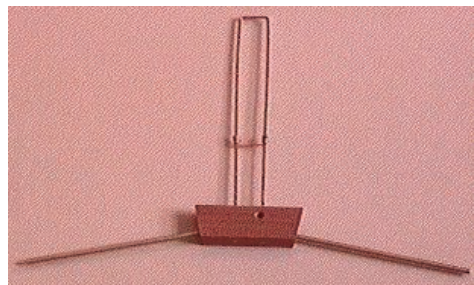
I _____



Tie Breaker

**Mystery
Item:
What is
this?**

**(Send to
Hq.)**

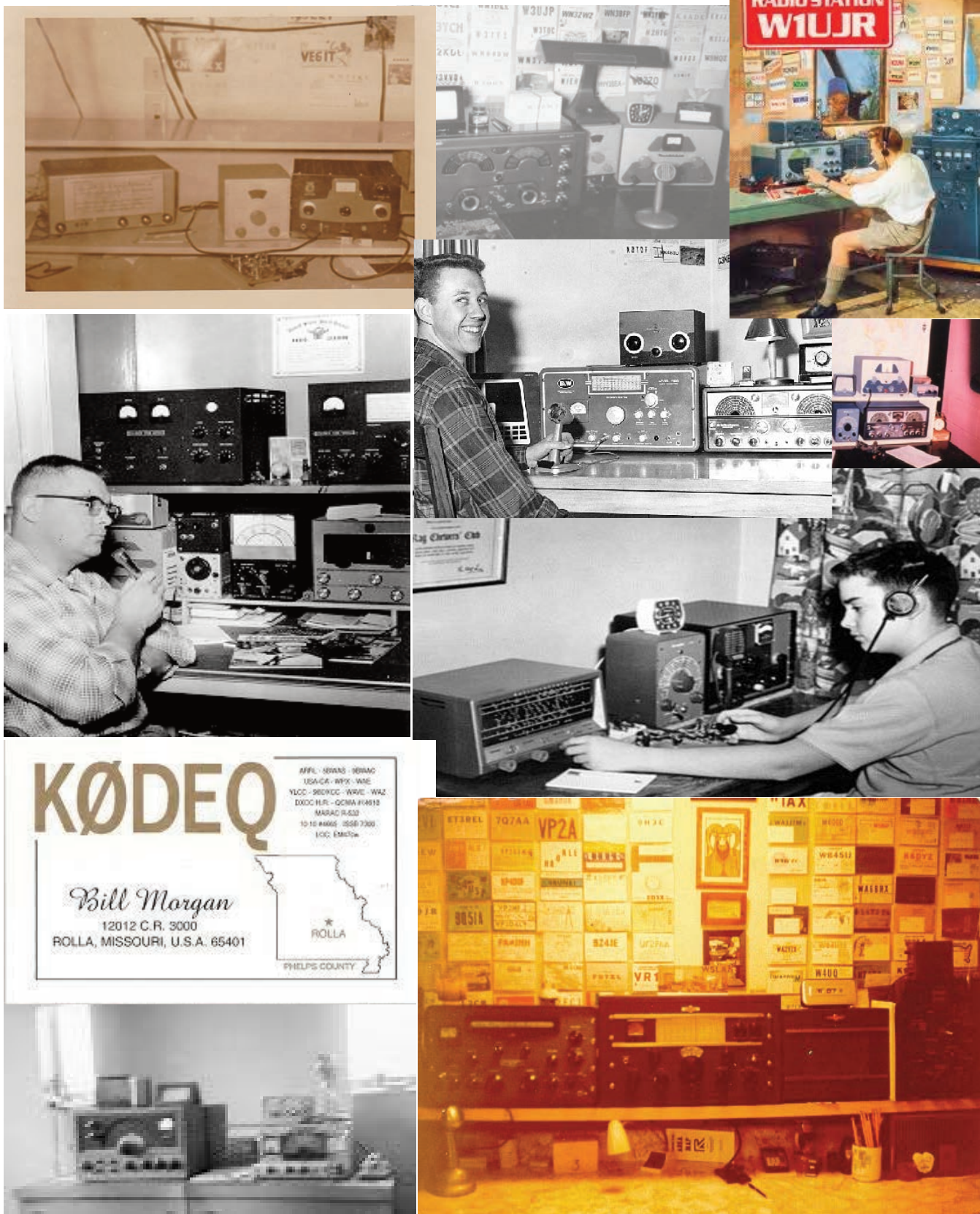


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Some Ham station pictures and QSLs from Yesteryear:



You can find more of these pictures and the credits at http://www.qcwa.org/museum-on_line.htm some images are from non-copyrighted online history for individual amateur radio stations. No infringement is intended.

Our Newest Members!

Fall 2012

DATE	MEM #	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
5/3/12	35809	MEACHAM, JOHN W	KJ6TK	WESTMINSTER	CA		
5/3/12	35810	KLINE, LEONARD	WA1PCY	RED BANK	NJ		
5/4/12	35811	CHAPPLE, LAWRENCE W	VE6KC	CALGARY	AB	KEN OELKE	VE6AFO
5/5/12	35812	FOSTER, JACK E	N6UYB	KINIGHTDALE	NC	CHUCK LITTLEFIELD	K4HF
5/5/12	35813	SMITH, RON D	N7RD	SUN CITY WEST	AZ	CLEBORN E EMERT	K5TRW
5/6/12	35814	MUSCARELLA, DAVID P	K2YE	LEE CENTER	NY		
5/7/12	35815	SLACK, IKE H	W4PNS	HUNTSVILLE	AL	JIM LAPORTA	N1CC
5/9/12	35816	NAHL, RAYMOND M	W2CH	WHITE PLAINS	NY	G W HELLMAN	NA2M
5/9/12	35817	ABEL, ERNEST	K8RCT	TRAVERSE CITY	MI	JAMES F BISHOP	W8JFB
5/12/12	35818	MALSTROM, ROBERT A	KF4AM	AIKEN	SC		
5/16/12	35819	SEIZER, THOMAS L	K9SQU	FRANKLIN	WI	THOMAS KRAWCZYK	N9BBG
5/16/12	35820	EIGENBRODE, MAURICE E	NI2W	SMITHBURG	MD	JOSEPH PLUM	WB8QPG
5/17/12	35821	KVOCHICK, JAMES A	WB8AZP	BRIGHTON	MI		
5/17/12	35822	LEHMAN, THOMAS H	N5EJK	STARKSVILLE	MS		
5/18/12	35823	PEZLEY, KATHY	KA0YDQ	DAVENPORT	IA	JOHN HOENSHELL	N0BFJ
5/18/12	35824	LONGO, SALVADOR E SR	W5EZN	METAIRIE	LA		
5/18/12	35825	MCLESTER, JAMES B JR	W4YXU	COLUMBIANA	AL		
5/18/12	35826	LOTSPEICH, TIM C	KX7P	LAKE HAVASU CITY	AZ	JEFF BEALS	WA4AW
5/18/12	35827	HANNA, JAMES RICHARD	K3VYY	BEAVER FALLS	PA	VAL ERWIN	W5PUT
5/18/12	35828	ELLIS, THOMAS C	K4XV	KAPAA	HI	KEN OELKE	VE6AFO
5/18/12	35829	FINN, JAY T	W9JF	ROCK ISLAND	IL	JOHN KING	W9KXQ
5/18/12	35830	PEDLEY, JOHN R	N0IPO	BETTENDORF	IA	JOHN HOENSHELL	N0FBJ
5/18/12	35831	PAKULSKI, ROGER J	WB8ZHQ	INDEPENDENCE	KY		
5/19/12	35832	HITCHENS, BOB J	K8VQC	HOWELL	MI	VAL ERWIN	W5OUT
5/19/12	35833	POPP, ERNIE W	K2EP	NASSAU	NY	BUD HOVEY	WF2B
5/19/12	35834	WILNER, GEORGE D	K2ONP	TROY	NY	BUD HOVEY	WF2B
5/19/12	35835	WALKER, EDWARD L	WA6MDJ	LOS ANGELES	CA		
5/19/12	35836	WEST, STEVEN M	W7SNW	INCLINE VILLAGE	NV		
5/19/12	35837	HANLEY, SCOTT M	WA9STI	GRANADA HILLS	CA		
5/19/12	35838	HILL, JOHN M	K2YY	MOORESTOWN	NJ		
5/19/12	35839	PUCKETT, DALE L	K0HYD	GODDARD	KS		
5/19/12	35840	MACHIA, WILLIAM	WM3N	PASADENA	MN	JEFF BEALS	WA4AW
5/19/12	35841	MINNICH, GLEN	WB4KW	WINTER HAVEN	FL		
5/19/12	35842	VILICAN, GEORGE R	KE8GA	FAIRVIEW	NE		
5/19/12	35843	STEELE, LOWELL V	N8HGL	MORGANTOWN	WV		
5/19/12	35844	WAYNE, THOMAS L	WB8N	BEDFORD	OH		
5/19/12	35845	BENAVIDES, JON	KE8CU	STERLING HEIGHTS	MI	JEFF BEALS	WA4AW
5/19/12	35846	YASKIN, FRANK A	AB1QP	HIGGANUM	CT	VAL ERWIN	W5PUT
5/19/12	35847	ELLY, WARREN C	W1GUD	TAMPA	FL		
5/24/12	35848	BRYANT, ROGER G	WW4RB	THOMASVILLE	NC	RAE EVERHART	K4SWN
5/24/12	35849	STALLINGS, RICHARD L	KB3MBR	HAGERSTOWN	MD	JOSEPH B PLUM	WB8QPG
5/25/12	35850	MORGAN, TOMMY H	WQ5O	NEWALLA	OK		
5/25/12	35851	FERDINAND, GARY J	W2CS	NORTH CHATHAM	NY	BILL THOMPSON	W2MTA
5/25/12	35852	HARLER, DAVID M SR	W6DYH	REEDLEY	CA		
5/30/12	35853	NORTON, BRUCE R	KA3RNU	SHREWSBURY	PA		
5/30/12	35854	MILLER, LYNN	W5WOX	KRUM	TX		
5/30/12	35855	BREYER, BOYD	W7KHJ	FRIENDSWOOD	TX		
5/30/12	35856	UNASSIGNED					
5/30/12	35857	LUDWICK, MARK A SR	W8BBQ	CANFIELD	OH		

Our Newest Members!

Fall 2012

DATE	MEM #	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
5/31/12	35858	TOWNSEND, CHARLES	AA4CT	TALLAHASSEE	FL		
6/1/12	35859	BARMORE, ROBERTA J	W9KIZ	INDIANAPOLIS	IN	JIM LAPORTA	N1CC
6/4/12	35860	FOURNIER, WILLIAM H	K8MAJ	INVER GROVE HTS	MN		
6/4/12	35861	DIBIE, CRAIG W	KB6LAK	SEDONA	AZ		
6/6/12	35862	KOELLING, PRESTON E	N0HNQ	FORREST CITY	AR		
6/6/12	35863	HASKINS, THOMAS H	W4WXA	WARNER ROBINS	GA	CHARLES PENNINGTON	K4GK
6/6/12	35864	SMITH, BOBBY	W5IH	ARLINGTON	TX		
6/9/12	35865	SIMS, JAMES B	W5RYA	DALLAS	TX	JIM LAPORTA	N1CC
6/9/12	35866	BUCKALEW, WILLIAM A	W5WAB	PLANO	TX	VAL ERWIN	W5PUT
6/10/12	35867	MITCHELL, KENNETH E	KD2KW	SPRING	TX	VAL ERWIN	W5PUT
6/12/12	35868	LINDSEY, FREDERICK	WA7NRX	PEORIA	AZ	ROBERT S MCCUSKEY	W7BV
6/9/12	35869	CELENTANO, THOMAS	K5LLD	WYLIE	TX		
6/10/12	35870	BUSSEY, MALCOLM	N5GKV	TEXARKANA	AR	VAL ERWIN	W5PUT
6/10/12	35871	MARTIN, TROY J	K5CBL	MADILL	OK	VAL ERWIN	W5PUT
6/10/12	35872	GRIFFITH, JAMES	W5XP	SAN ANTONIO	TX	VAL ERWIN	W5PUT
6/10/12	35873	BISSELL, ANTHONY	WR5T	BEDFORD	TX	VAL ERWIN	W5PUT
6/10/12	35874	WALKER, SAM	KF5PAA	EULESS	TX	VAL ERWIN	W5PUT
6/10/12	35875	BRIDGES, WINSTEN K	KE5WH	PLANO	TX	JIM LAPORTA	N1CC
6/10/12	35876	STILLINGER, JEFFREY S	KB6IBB	WYLIE	TX		
6/10/12	35877	CHENG, MIKE M	N2VT	NEW YORK	NY	J LAPORTA	N1CC
6/11/12	35878	KANE, HARRY	NJ2Y	HURT	VA		
6/12/12	35879	LOUTH, JOHN W	WB4EEL	WARNER ROBINS	GA	KEN SIMPSON	W8EK
6/12/12	35880	MURPHY, OTIS	W4OY	MILLEDGEVILLE	GA	KEN SIMPSON	W8EK
6/12/12	35881	TYLER, WILLIAM M JR	K4SLQ	MACON	GA	KEN SIMPSON	W8EK
6/12/12	35882	HOUGH, FRANK L	K4ICT	MACON	GA	KEN SIMPSON	W8EK
6/12/12	35883	NORWICH, JOHN F	W4FGA	JACKSON	GA	KEN SIMPSON	W8EK
6/12/12	35884	SLAPPEY, BRAXTON S JR	KA9VHB	NORMAL	IL		
6/12/12	35885	BEESEY, STEVEN	VR2XMQ	FANLING			
6/13/12	35886	VESTAL, DAVID M	KB4JY	GREENVILLE	TX		
6/13/12	35887	KNABE, DOUGLAS G	KN5DK	DALLAS	TX	VAL ERWIN	W5PUT
6/13/12	35888	MOORE, RICHARD S	N7IYT	PEORIA	AZ		
6/13/12	35889	GIRARD, LARRY A	KG7DW	KELSO	WA		
6/17/12	35890	MERCIER, JEAN-CLAUDE	FG8NY	LAMENTIN			
6/17/12	35891	GIRAUDO, JOSEPH	N7JEH	SPRING CREEK	NV	GARY GRANT	K7VY
6/17/12	35892	BURMEISTER, JEFFREY P	W5OMU	PORTALES	NM		
6/17/12	35893	DEVITTE, FRANK D	VE6ANL	WETASKIWIN	AB	KEN OELKE	VE6AFO
6/19/12	35894	SILVERMAN, STEPHEN E	KB3SII	LUBEC	ME	PETE VAROUNIS	NL7XM
6/19/12	35895	WOLFE, ERIC RANDOLPH	WB3IHQ	LEBANON	PA	RAY SHAUB	W3AXC
6/19/12	35896	BERRY, ROGER W	KG5OW	CYPRESS	TX		
6/19/12	35897	COLLINS, EUGENE F	VE6EFC	CALGARY	AB		
6/24/12	35898	BODINE, JOHN D	WU2E	MANAHAWKIN	NJ	RICHARD MARKEY	KN3C
6/26/12	35899	BERRICH, GEORGE	KQ8Z	NORTH PALM BEACH	FL	JEFF BEALS	WA4AW
6/26/13	35900	LUTZ, WAYNE C	N4PZJ	LANTANA	FL	JEFF BEALS	WA4AW

Our Newest Members!

Fall 2012

DATE	MEM #	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
6/27/12	35901	SCHOOOF, CARSTEN	DF1XC	03096 BURG-SPREE-WALD			
6/27/13	35902	GRANT, DAVID P	NS9U	PEKIN	IN		
6/28/12	35903	HORN, WILFRIED	DM5WH	35619 BRAUNFELS			
7/2/12	35904	RUSSELL, JUNELLIA	N0IEG	WINFIELD	KS	LEONARD RUSSELL	WD0ACB
7/9/12	35905	FREKING, MELVIN D	KB4MQ	EASTMAN	GA	CHARLES PENNINGTON	K4GK
7/9/12	35906	VUCCOLO, JAMES	N3VJ	STATE COLLEGE	PA		
7/9/12	35907	MORIARTY, ALAN R	N8CX	LAKEWOOD	OH		
7/10/12	35908	ASHMAN, ROD "NOBBY"	G4JVJ	SWINDON	WILSHIRE		
7/16/12	35909	JONES, DAVID L	K4NZ	LOUISA	VA	STAN HAZZEN	K2SSB
7/19/12	35910	COLEMAN, JOHN L	WA4FRI	DUBLIN	GA	MELVIN D FREKING	KB4MQ
7/19/12	35911	PARRISH, MILLARD J	K6UV	LAS VEGAS	NV	BILLY SMITH JR	W7HMV
7/20/12	35912	GREEN, DAVID R	KK4HGQ	PALM HARBOR	FL		
7/20/12	35913	PARRISH, LORETTA L	N6LKT	LAS VEGAS	NV	MILLARD PARRISH	K6UV
7/20/12	35914	ENGLAND, CRAIG	KF2X	CAVE CREEK	AZ		
7/21/12	35915	STANEK, PETER	KA6UMQ	SAN RAFAEL	CA		
7/21/12	35916	HARTLEY, ROBERT W SR	K2QJ	ZEBULON	NC		
7/24/12	35917	LONDRESS, ROBERT L	K4RLL	ATHENS	AL		
7/26/12	35918	SHORTZ, WILLIAM E	K9BZM	MEDARYVILLE	IN	TOM TROIKE	W9QN
7/27/12	35919	COBB, CRAIG E	WA2ZVN	DEWITT	NY	JOHN SOERGEL	WA2DGC
7/27/12	35920	DOUGLAS, JAMES D	KG5NL	EDMOND	OK	RICHARD JOHNSON	WA5EOD
7/27/12	35921	BARLEY, LIONEL BRUCE	KK0S	PARK CITY	KS		
7/27/12	35922	DELLINGER, RICHARD R	K8DHU	CORAL SPRINGS	FL	MARK HOROWITZ	K2AU
7/28/12	35923	LYONS, GARY O	W5REJ	EDMOND	OK	RICHARD JOHNSON	WA5EOD
7/29/12	35924	WHITNEY, BRUCE F	W8RA	SOUTH LYON	MI	PAUL HERRMANN	N8BHT
7/30/12	35925	TALPIS, NAT	W7OQF	LAS VEGAS	NV		
7/30/12	35926	HANSEN, LYNN	KN0O	GUTHRIE	OK	RICHARD JOHNSON	WA5EOD
7/31/12	35927	HARCLERODE, WILLIAM A 'BILL'	N8UKC	FALLINGWATERS	WV	JOE PLUM	WB8QGP
7/31/12	35928	LANDES, CAROL P	WX4CPL	HARRISONBURG	VA	RAY SHAUB	W3AXC

New Members are reported up to the cut-off date of August 1, 2012 in normal processing for Fall.

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We have an official QCWA Badge for you to wear at amateur functions. It is white with black background. Above is an actual size reproduction. This badge is totally engraved, not hot pressed.

The order blank is printed below. The badge comes with a standard clip and a bolo clip. **Additional cost options:** Pocket Clip - Bolo Tie (specify color) - Magnetic Backing.

Note: Badge cannot be ordered with both a pocket clip and Bolo clip.

QCWA Badge Order

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Last Name _____

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2. Chapter Name and Number

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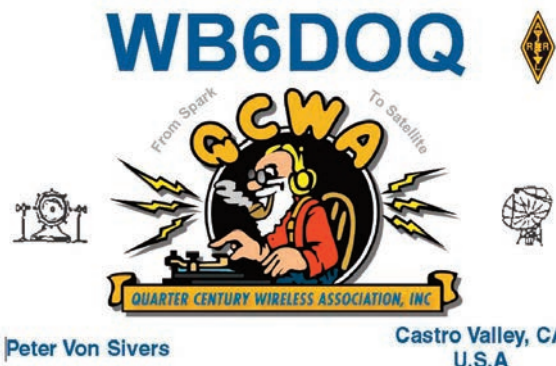
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QCWA QSL cards are USA standard size, printed on heavy stock which is "coated" (shiny) on the logo side. Text is blue with colored QCWA logo. You may have your call in either solid letters or shadowed.

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State _____ Spell Out _____ Abbreviate _____

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Order at <http://www.qcwa.org/member-supplies.php> or if you live in the US, complete this form and mail it with your check to:

QCWA, Inc. Jim LaPorta, N1CC

PO Box 2088, Malakoff, TX 75148-2088, USA

Silent Keys

With great sadness we record the passing of these members

DATE REPORT	MEM#	NAME	CALL	LOCATION	DATE OF DEATH
01/06/97	6734	SYMONS, WILLIAM E	K4IH	ANDERSON SC	11/11/2004
06/11/12	5938	MAXWELL, M WALTER	W2DU	DELAND FL	7/3/2012
07/05/12	25721	BOILER, EVAN L	W0FTR	LINCOLN NE	3/6/2006
07/05/12	17231	BROCKDORF, CARL R	W8ZNG	TRUFANT MI	7/4/2008
07/05/12	06362	WOLFMAYER, CHARLES B	W0KH	BROOKSIDE NJ	9/24/2005
07/05/12	19855	CHASE, MAURICE WILLIAM	W0EXZ	OMAHA NE	4/27/2007
07/05/12	10947	WOLFE, CY B	W0LJO	HASTINGS NE	1/24/2004
07/05/12	19971	MCELHANEY, LLOYD	K0DKM	HAWARDEN IA	4/10/1992
07/05/12	16174	BESPALEC, CHARLES F	N0BTG	CRETE NE	8/13/1995
07/05/12	10340	KUCERA, WILLIAM F	W0BTB	OSCEOLA NE	5/1/2006
07/05/12	18852	SCHULZ, HOMER P	W0HNP	VALENTINE NE	6/7/2007
07/05/12	21371	WILLIAMS, ROBERT W	WA0FMR	FREMONT NE	3/31/1991
07/05/12	08536	COMSTOCK, CONRAD C	W0KY	KEARNEY NE	6/25/1995
07/05/12	04157	EDWARDS, LEWIS A	W0RAM	ELGIN NE	4/21/1991
07/05/12	23872	GILLIS, RONALD D	WA5QCH	SAN ANTONIO TX	7/30/2009
07/05/12	29798	BAKER, BERNARD B	WA0BHM	TRENTON NE	4/1/2005
07/05/12	6309	SHERMAN, JOHN W	W6KAS	BAKERSFIELD CA	09/20/2011
07/05/12	00088	BRIZZOLARI, ANTHONY J	W2TG	FOREST HILLS NY	09/23/1979
07/08/12	00095	BURCH, CHARLES H	W2HN	FLORAL PARK, NY	03/15/1976
07/08/12	00127	GAEDE, GEORGE F	W2BG	SADDLE RIVER NJ	7/15/1980
07/08/12	00132	GLASER, EDWARD M	W2BRB	BELLMORE, NY	5/24/2005
07/08/12	00148	HUFNAGEL, ERNEST P	W2OR	POMPTON PLAINS NJ	8/6/1997
07/08/12	01391	SIMS, JOSEPH R	K4IPN	TEQUESTA FL	12/1/2006
07/08/12	02261	BRADBURN, WILLIAM G	K9KCQ	NEW HAVEN CT	6/3/1990
07/08/12	02575	HAYES, ELMER W	W7WNH	HEMET CA	6/17/1994
07/08/12	03074	GIOGA, PETER	W6APU	SANTA ANA CA	3/11/2003
07/08/12	03326	TRENKLE, WILLIAM J	W2FWA	WILLINGBORO NJ	11/20/1996
07/08/12	03973	YOUNGS, WALLACE I	K2IHO	GRAND ISLAND NY	12/15/1964
07/08/12	05728	HANSON, ROBERT S	W0KMH	NORTHFIELD MN	3/25/1999
07/08/12	06167	BLOSSOM, LYMAN R	W8PY	BOARDMAN OH	12/5/2000
07/08/12	06202	CLIFFORD, VERNON F	W2SN	AMITYVILLE NY	8/19/1996
07/08/12	06202	EDGERTON, VERNE D	W6TSO	NEWTOWN OH	10/25/1998
07/08/12	06267	WALLACE, FRED J	WA4PLU	MELBOURNE FL	7/11/1980
07/08/12	06734	SYMONS, WILLIAM E	K4IH	ANDERSON SC	11/11/2004
07/08/12	06870	SEWELL, GEORGE T JR	W3IDA	PARKERSBURG WV	3/27/1992
07/08/12	07311	STEPHENS, A R	K4OK	INVERNESS FL	3/8/1999
07/08/12	10534	OSBURN, OWEN L	W5TTW	UVALDE TX	9/15/2002
07/08/12	11114	SKINNER, PAUL JOSEPH	W9QXR	CHICAGO IL	6/4/2011
07/08/12	13268	SKINNER, GEORGE M	N4TU	SAN ANTONIO TX	5/26/2001
07/08/12	14199	WIELAND, GUS E	W7ZRZ	SEATTLE WA	7/5/2002
07/08/12	15874	ERNST, JOSEPH P	W7VB	THERMOPOLIS WY	3/15/1999
07/08/12	17332	REDMAN, TRAVIS H	W5MXI	BANDERA TX	7/30/2002
07/08/12	20543	SEIBEL, HENRY	W5AJU	UNIVERSAL CITY TX	12/29/2011
07/08/12	29369	POTTER, RUPERT	K0ODY	STURGIS SD	1/2/2012
07/08/12	20956	Asel C Briggs	W6CTS	YUCCA VALLEY CA	7/17/1998
07/08/12	32910	Robert C Lo Grasso	WE6L	UPLAND CA	3/15/2011
07/08/12	26384	Donald R Osti	K6KJK	ANAHEIM	1/19/2012
07/09/12	16207	Harvey A Pearson	W6JGL	TEMECULA CA	4/11/2008
07/12/12	9586	Jack E Prather	W6KJP	YUCAIPA CA	1/14/2002

Silent Keys

With great sadness we record the passing of these members...continued

DATE REPORT	MEM#	NAME	CALL	LOCATION	DATE OF DEATH
07/12/12	28150	Robert L Sherman	ND6N	FPO AP	3/31/2004
07/12/12	17873	Frank Hasper	WA6JEY	GRAND RAPIDS MN	12/14/2003
07/12/12	13821	Midge M Hasper	K6BUS	Calamisa CA	1/31/2006
07/12/12	19168	Gene E Monroe	K6BNN	Anaheim CA	10/2/2007
07/12/12	6471	George W McCarthy	W6SUN	Pilot Hill CA	6/21/2004
07/12/12	6420	M B Willoughby	K6PL	FONTANA CA	10/10/1999
07/12/12	18800	Edward M Perry	N6HNO	Redlands CA	5/9/1998
07/12/12	19088	Richard W Steinmetz	K6ICR	Riverside CA	1/22/2003
07/12/12	12393	Victor C Besancon	N6PV	Moreno Valley CA	3/9/2001
07/12/12	17441	Richard M Olson	K6OSG	Long Beach CA	12/9/1995
07/12/12	4117	Donald Hutchins	KB6DQ	Pomona CA	12/16/1994
07/12/12	19629	George R Stewart	N6SH	Mariposa CA	3/2/2008
07/12/12	9222	James A Newsome	W6BTO	Atascadero CA	1/1/2002
07/12/12	18586	Floyd R Nicholson	W6HRD	Whittier CA	11/15/2005
07/12/12	19445	Leonard C Pochop	W6LBH	Ontario CA	4/2/2004
07/12/12	11078	Ted Bonnigson	W6NCN	WELDON CA	6/9/1999
07/12/12	18999	FRANK L STEVENS	W6NXD	MENIFEE CA	7/20/2000
07/13/12	19442	WILLIAM M PRIEST	W6WPO	SAN MARCOS CA	2/15/2003
07/13/12	20757	ROBERT L HOWARD	WA6DLI	WEST COVINA CA	12/15/2000
07/13/12	21781	EARL G GROSS	WB6MBT	ESCONDIDO CA	3/5/1995
07/13/12	14667	VIRGIL H SMITH	W6GUP	Riverside CA	2/11/2000
07/13/12	18583	JOHN M HUSSEY	W6AOT	SUN CITY CA	8/30/2004
07/13/12	18654	IRVIN L MCNALLY	K6WX	SUN CITY CA	5/16/1998
07/13/12	18298	WINTHROP E FOWLER	KD6GX	HEMET CA	10/30/1998
07/13/12	27661	EDWIN T BISHOP	K6OFM	SAN CLEMENTE CA	5/23/2004
07/13/12	29562	LEONARD T SOPER	W6TGQ	BIG BEAR LAKE CA	1/5/2005
07/13/12	24574	HERMAN ARTHUR DECHENT	WA4WQG	BARBOURSVILLE VA	7/11/2012
07/13/12	21424	WOODROW WILSON JR	K1OQ	VOLUNTOWN CT	2/1/2009
07/13/12	13496	FRANK S DARMOFALSKI	W1FD	CHESHIRE CT	11/2/2008
07/13/12	32634	JOHN ENGLUND	K4SF	FAIRFIELD CT	5/31/2009
07/13/12	9607	OSCAR E SANDEN JR	K4EH	STOW MA	10/24/2010
07/13/12	25472	ROBERT R ROCKWELL	W3SYT	PHILADELPHIA PA	4/20/2011
07/13/12	12515	PAUL D LIEB	KH6HME	HILO HI	7/16/2012
07/16/12	01394	POTTER, PAUL M	W1DTB	BROCKTON	4/15/1983
07/17/12	01428	GALVANI, Joseph P	W1BTL	POCASSET	6/4/2003
07/19/12	04848	YEANDLE, RALPH S	W2IK	SCHENECTADY	10/15/1979
07/19/12	00382	DEWITT, WILLIAM H	W2DD	FAIRPORT	11/22/2004
07/19/12	05324	TRACY, JOHN BYRON	W4BC	SATELLITE BEACH	12/15/1967
07/19/12	02700	FUGLE, FRANK L JR	W4FF	FORT MYERS	3/13/2012
07/19/12	04158	SWANSON, WINSTON C	W4VSH	LARGO	5/6/2004
07/19/12	05128	THOMPSON, BRADLEY R	W6BPI	YUCCA VALLEY	8/13/1993
07/19/12	06225	MAULE, HAP	W6OQH	FRESNO	4/16/1982
07/19/12	05458	WHITE, LOCKETT C	W7IDG	PORTLAND	5/29/1986
07/19/12	04588	GIERKE, GEORGE E	W7KBH	SEATTLE	11/3/1999
07/19/12	07948	BROKENSHIRE, JOHN V	VE7EP	SURREY	9/2/2002
07/19/12	12670	PURDY, GEORGE I	W5HCC	MARUNOUCHI,CHIYODAK	3/15/2000
07/19/12	07710	WHITTLE, ROBERT S	VE7DCI	VICTORIA	10/5/2006
07/19/12	13132	GORNEY, HENRY E	W8PLV	CARACAS 107	9/15/1985

Silent Keys

With great sadness we record the passing of these members...continued

DATE REPORT	MEM#	NAME	CALL	LOCATION	DATE OF DEATH
07/19/12	22417	MICHAEL DE CHEFF JR	W0NS	KANSAS CITY MO	2/11/2012
07/19/12	33151	NICHOLAS WESLEY SUES	W7ZMD	CAVE CREEK AZ	8/27/2011
07/20/12	10617	DOUGLAS E JOHNSON	W0BKS	EAGAN MN	4/16/2010
07/22/12	25170	SERENA BAILEY	WA5RJF	MALVERN AR	10/7/2006
07/22/12	29921	STEVEN JAY HATKINS	KC2CCX	BROOKLYN NY	1/8/2010
07/26/12	24282	EVERETT D CHITESTER	WA8EYF	GARFIELD HEIGHTS OH	5/19/2011
07/26/12	11804	JAMES L CAMPBELL	W4YFN	HUNTSVILLE AL	10/18/2006
07/26/12	30837	VERNON GERWER	W6LDY	PLACERVILLE CA	5/7/2006
07/26/12	22934	EDWARD JOSEPH WHITE	WA3BZT	BEAR DE	7/5/2012
07/26/12	22142	ALVIN B BERGLUND	W6WJ	GLENDALE CA	11/25/2011
07/27/12	23946	HAROLD K SCHMIDT	K6ENQ	CITRUS HEIGHTS CA	6/2/2007
07/27/12	6159	CLARENCE S COOMES	W6IK	PLACERVILLE CA	5/2/2008
07/27/12	8075	CLIFTON G ADAMS	K6ON	SACRAMENTO CA	7/26/2011
07/27/12	25906	DONALD H TAYLOR	KF7AM	GREENVILLE CA	9/19/2007
07/29/12	23020	HENRY W TANNER	W6EMK	SACRAMENTO CA	10/8/2001
07/29/12	22462	CYRIL F COCHRANE	WB6KZN	SACRAMENTO CA	4/4/2006
07/29/12	7010	IRVIN H BORDIHN	N6BDL	GURNEE IL	4/3/1993
07/29/12	22380	ROY W MATTHEWS	N6BDL	SACRAMENTO CA	11/19/1997
07/29/12	22360	THEODORE W RAST	W6SMU	CITRUS HEIGHTS CA	3/6/2006
07/29/12	22383	RICHARD L THOMPSON	W6IAP	SACRAMENTO CA	8/21/2006
07/29/12	19931	ARMON I CRAVENS	W6JDL	SEATTLE WA	4/13/2010
07/29/12	27156	CHARLES A HAIGHT	N6NMM	STOCKTON CA	11/16/2004
07/29/12	28091	FRED V CHIGAZOLA	W6JWW	CITRUS HEIGHTS CA	12/28/2010
07/29/12	28696	JOSEPH KASPER	K6CBF	DIAMOND SPRINGS CA	5/28/2002
07/29/12	13337	JAMES H ALLEN	W6IQH	SACRAMENTO CA	8/13/2009
07/29/12	28543	HARVEY C DE BOER	KM6LC	ROSEVILLE CA	11/24/2010
07/29/12	13782	JOSEPH E SHEINMAN	W2BHK	PENHOOK, VA	5/5/2012
07/29/12	31393	CARL J CRUMP	WA6VLS	SACRAMENTO CA	11/3/2011
07/29/12	02167	BRUMBAUGH, HOMER C	W6HBE	PALM SPRINGS CA	6/11/1998
07/29/12	02996	TRANFIELD, GEORGE JR	K3RXE	HATFIELD PA	11/9/2006
07/29/12	03267	STAFFORD, GENE	W2BDH	NEW YORK NY	1/21/2002
07/29/12	04572	GRAHAM, LAMAR T	W4FKR	BRADENTON FL	1/6/2012
07/30/12	09305	MURDOCK, DELANE I	K4DVI	ORLANDO FL	5/29/1991
07/30/12	11301	JOYER, VERNON J	KR0S	SPOKANE WA	6/21/2003
07/30/12	13615	PFEIFFER, KENNETH M	W3AEN	INDIANA PA	2/7/1996
07/30/12	13863	TOOLEY, WILLIAM HENRY	W7QPS	ST HELENS OR	2/23/1998
07/30/12	15856	JAMES, THOMAS W	W7AZC	MODESTO C A	12/29/1997
07/30/12	17766	PAULUS, WILLIAM B	WA6OCJ	FORT MYERS BEACH FL	3/1/1999
07/30/12	18171	MERCER, ROBERT J	K8IST	NEW PHILADELPHIA OH	11/12/1988
07/30/12	19305	ANDERSON, JOHN F	W5FKU	LA GRANGE TX	2/10/1995
07/30/12	20209	BLOOM, GERALD E	KE8MF	NORTH CANTON OH	4/22/2009
07/31/12	21682	LAUGHLIN, RALPH E	WA8RYQ	GNADENHUTTEN OH	6/8/2000
07/31/12	27581	BUZZARD, MILDRED A	K3JGS	DELAWARE WAER GAP PA	9/30/2000
07/31/12	29390	TRUMAN, ROBERT E	W2JXN	ONEIDA NY	12/22/2000
07/31/12	11946	MOZLEY, JAMES M	W2BCH	CAMILLUS, NY	5/13/2012
07/31/12	30657	BARKER, THOMAS J	K6MDG	ORGAN, NM	7/17/2012
07/31/12	29924	JAMES, THOMAS W	W7OPS	PINEDALE AZ	7/14/2004

2012 QCWA CONVENTION



RENO, NEVADA - Sept. 24 through Sept. 27, 2012

Hi Everyone! This issue of the Journal is mailed out in September. If you get your copy before the Convention, there is still time to come to Reno!

The Annual Board of Directors meeting is going on now in Reno. The new standing committee organization is being finalized, here is an idea of what QCWA's Committee setup is looking like today!

Elections are coming up in 2014! If you are interested in joining the leadership of QCWA please e-mail Ken Oelke, VE6AFO at ve6afo@cia.com!

QCWA STANDING COMMITTEE ORGANIZATION

COMMITTEE	CHAIR
Administration and Finance	Chair, Ken Simpson, W8EK Vice-Chair, Gerry Gross, WA6POZ
Chapter and Members Relations	Chair, Val Erwin, W5PUT Vice-Chair, Howard Cunningham, WD5DBC
Publications and Publicity	Chair, Gerry Gross, WA6POZ Vice-Chair, Myron Cherry, K4YA
2014 Election Nomination	Chair, TBA Vice-Chair, TBA
2014 Election Teller	Chair, Herb Lacey, W3HL Vice-Chair, TBA

A complete list of committee members is available on the QCWA web page: <http://www.qcwa.org>

The National HRO-60

The best and last of the tube-type HRO receivers

By George Misis, KE8RN

National began building high-quality radio receivers in the 1920's, and by 1930 had introduced the first receivers designed for the Amateur Radio Service – the SW3 and SW5.

These regenerative receivers provided National with the momentum and development funds to develop the first of the HRO series of radio receivers in the early 1930's – the photo to the right is an example of the HRO Type 9 from about 1935-38.



1950's and used by Hams as well as commercial and military concerns.

In 1950, with one band, this single conversion radio receiver sold for about \$349 – a fortune in that day!

Early in the 1950's, Dual Conversion from the competitors and lots of new stable technology made possible a new movement in design.

The HRO-60, introduced in 1952, was the winning design that became National's high end receiver; at the same time, the NC-183 and other less-expensive designs hit the marketplace. This was the "Top-of-the-line" Radio! At the same time the HRO-50 was selling for \$349, the new radio sold for \$483 and more with options...

THE NATIONAL HRO-60; FIRST HRO DUAL CONVERSION RECEIVER

The National HRO-60 was the last of the tube-type HRO National receivers that started in the 1930's. The HRO-60 is the only one that uses dual conversion on the higher bands for better image rejection. The HRO-60 has great family resemblance to its earlier predecessors; it looks almost identical to the HRO-

50 and very similar but deeper than the earlier models like the HRO-7 and HRO-5 with external power supplies. The HRO-Jr, HRO-Sr, HRO-5, HRO-7, and HRO-50 all employ single conversion with a 455 KHz* IF; they all have minor issues with image reception above about 7.3 MHz*.

Single conversion's problem is that for a signal frequency of 20 MHz, the local oscillator runs at 20.455 MHz to give an IF of 455 KHz. If a signal is at 20.910 MHz, the 20.455 MHz local oscillator will convert it to 455 KHz and it will be received along with the desired 20.000 MHz signal. This is because the tuned RF circuits at 20.000 MHz do not weaken the 20.910 MHz signal enough to eliminate receiving it in many cases. The higher in frequency that you go, the less the undesired image at the desired frequency plus double the IF is attenuated.

The HRO-60 used dual conversion like the NC-183D; the first IF was 1.990 MHz on the HRO-60



and the second IF was 455 KHz. Double conversion allows a higher first IF to be used, creating greater frequency separation between the desired signal and the image signal. This provides greater reduction of the image signal by the tuned circuits in the front end of the receiver. Single conversion is still used below 7.3 MHz to give good tuning with a reasonable four-section variable capacitor at the lower frequencies where image rejection is not an issue. The later solid state HRO-500 and HRO-600 really only share the PW dial drive mechanism with the HRO-60. The earlier tube radios are larger and gray in color.

**Editor's Note: In 1959, during the International Geophysical Year, the traditional naming of frequencies was changed from "cycles-per-second" (CPS) to Hertz as the name for that physical property. All equipment and manuals made from 1960, though today are marked with Hz, kHz or MHz for CPS, Kcs, or Mcs.*

RECEIVER STAGES IN THE NATIONAL HRO-60

The HRO-60 used two RF amplifier stages on all bands. The AGC system worked quite well at least for AM, as the receiver did not have overload problems even with all of the RF gain turned up. It used three stages of IF at 455 KHz with a single crystal filter for added selectivity; there are no amplifier stages at the first IF, as it is used only to aid in image rejection, not for additional gain. Designed when AM was king, the HRO-60 has only a simple vacuum tube diode detector, there was no product detector for SSB and superior CW reception. SSB can be copied quite well by advancing the audio gain and using the RF gain with the AGC off to tune in SSB, adjusting the volume with the RF Gain control. The

AGC does not work at all on SSB or CW and the reduced RF gain is essential to distortion-free SSB reception. The HRO-60 is sufficiently stable to make SSB reception possible; in past years I made a product detector to plug into the narrow band frequency modulation (NBFM) adapter socket and made a few reversible modifications to my HRO-60 and several others, in order to improve SSB operation. Commercial companies like B & W and Central Electronics made good-performing SSB receiver adapters for receivers like the HRO-60. The HRO-60 has a pair of push-pull 6V6 tubes in the audio output stage. A 4H4C filament current regulator is used to regulate the filament current to the local oscillator, which also has a regulated plate voltage supply. The HRO-60 uses a mix of glass and metal octal base tubes and 7 and 9 pin glass miniature tubes; there are a total of eighteen tubes in the HRO-60.

NATIONAL HRO-60 PLUG-IN COILS

The HRO-60 was delivered with four plug-in coils to cover 1.6 to 30 MHz as delivered; the coils could be switched by moving a lever jumper link from general coverage to ham bandspread; earlier HROs

National offered optional coils for 50-100 KHz [coil set J], 100-200 KHz [coil set H], 190-430 KHz [coil set G], 480-960 KHz [coil set F], 900-2050 KHz [coil set E], and also optional ham bandspread coils for 27.5-30 MHz [coil set AA, 10/11 meters], 21-21.5 MHz [coil set AC, 15 meters], and 50-54 MHz [coil set AD, 6 meters], plus a coil to cover 25-35 MHz [coil set AB]. Obviously, a special coil set could be made for any special purpose.



used a machine screw that was moved from one location to another. Ham bandspread of the 80, 40, 20, and 10 meter bands was provided by the supplied four coils [obviously one band per coil]. Additional coils could be obtained to increase the frequency coverage to 50 KHz to 35 MHz plus the six meter band from 50 to 54 MHz; a 15 meter bandspread coil was available. National offered about a dozen or more optional coils for the HRO-60 to add coverage and ham bandspread. Below 7.3 MHz, coils from earlier HRO's would

work in the HRO-60 because both receivers were single conversion; above that frequency the HRO-60 coils are unique because of the use of double conversion and the local oscillator being 1.990 MHz above the desired frequency.

NATIONAL HRO-60 ACCESSORIES AND MUTING

Several accessories were offered for the National HRO-60 other than additional coil sets; a 100 and 1000 KHz calibrator, a narrow band FM adapter, and the SOJ-3 audio Select-O-Jet audio filter was also offered by National for the HRO-60. They all plug into the HRO-60 into dedicated sockets made for that purpose; the calibrator and NBFM adapter

fit into the receiver and are controlled by front panel controls, and the SOJ-3 audio filter plugs into the rear panel and has its own controls on its separate unit front panel. National was realistic enough to realize that a 100 KHz calibrator was of little use on higher frequencies like the 15, 10, or 6 Meter band, where the frequency readout was not sufficient to set the radio to the proper frequency with only a marker every 100 KHz. A 1000 KHz [1 MHz] marker set was available by switching the calibrator from 100 KHz to 1000 KHz; the 100 KHz markers could then provide more accurate settings in between the 1000 KHz marks. NBFM was introduced in the 1950's to provide audio that was less subject to noise problems than conventional amplitude modulation. The NBFM adapter was made at a time

Towards the end of National Radio Company, some gear made for Ham Radio helped keep National going...here are some images from the last days of National:

National HRO 600 Solid-State RX



National NCX-5 500W Transceiver



National NCL-2000 KW AmplifierRX



when a few people were experimenting with NBFM on the bands below 6 meters. SSB basically cut this initiative short; NBFM is still used a bit on the 10 meter band initially with surplus low-band VHF radios from commercial service. NBFM never took off below 30 MHz and SSB and AM modes remained the only commonly used phone methods.

Use caution around the BSW terminals on the back of all tube HRO receivers; the terminals are provided to allow remote muting of the receiver for use with a transmitter to make a station. The terminals have a potential of greater than 200 VDC on them; they are not connecting a circuit to ground as is done on most other similar receivers by Hammarlund, Collins, Drake, or Hallicrafters. The muting system works well; it lets the oscillator circuits stay powered on when the receiver is muted to improve stability. It requires an isolated set of contacts that make on receive and open to mute. Systems that ground a contact to unmute the receiver in a station will not work directly with many National receivers.

PRODUCTION HISTORY AND COST

The National HRO-60 was an expensive receiver, and it became much more expensive during its long life as a National product. It was first introduced in 1952 at \$483.00 and soldiered on until 1962; over

that time period the retail price went to \$745.00. It was followed by the solid state HRO-500 which was much more stable and had 1 KHz readout from 0.005 MHz to 30 MHz, but was even more stunningly expensive, especially in its later years, ranging from \$1,300.00 to \$1,995.00. The later solid state HRO-600 was the last National receiver product offered to the general market; National continued to make knobs and component parts for a while, but soon disappeared completely.

I think National made many fine pieces of radio equipment, many featuring great innovative technology. I really hated to see them meet an end in the early 1980's after a period of decline in the 1970's; they failed to emphasize SSB equipment early enough, did not build a line of transmitters to match their receivers, and had some issues with some of the rigs introduced to the market, like the original NC-300.

Attention to these items kept companies like R. L. Drake and Collins Radio successful for another ten years or so in ham radio. Both Drake and Collins (Rockwell) are both still around, but do not make ham or SWL products. Ultimately, competition from import products, mostly from Japan, killed them off in the ham radio market, along with Hallicrafters, Hammarlund, E. F. Johnson, RME, and others.

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QCWA SSB		SUN	2000Z	varies	14347	102 DAKOTA Chapter	SUN	1400Z	VARIES	3889	
FL SSB		WED	1500Z	W4NWF	7274	106 GERMAN Chapter	MON	1630Z	DL0QCW	3773	
CONEX		SUN	0815L	W2NBT	3917	106 GERMAN Chapter	TUE	1730Z	DL1MEB	3576	
QCWA CW (Eastern Time Zone)	WED	2000L	N6SL	7.035		108 BEAVER STATE Chapter	WED	0800L	VARIES	3854	
1 CLEVELAND Chapter	WED	2000L	W8LYD	146.85-		109 BATON ROUGE Chapter	SUN	2000L	VARIES	146.79-	
2 CHICAGO AREA	1stTh	2130L	W9MOL	147.15+		109 BATON ROUGE Chapter	SUN	0800L	VARIES	3905	
5 DELAWARE VALLEY	SUN	0945L	WA3DSP	3917		110 KANSAS Chapter	SAT	0730L	NOLL	3920	
6 PITTSBURGH	SUN	0830L	N3GHI	147.03+		111 W PALM BEACH Chapter	T,TH,SAT	1900L	VARIES	147.045+	
7 SOUTHERN CA	SUN	1000L	W6ZRZ	147.360						pl 110.9	
+			ECHOLINK	8722		112 YANKEE Chapter	SUN	0830L	W1GCA	3906	
7 SOUTHERN CA	SUN	1000L	W6ZRZ	146.24-		114 NORTH TEXAS Chapter	SAT	0830L	WA5BXH	3933	
7 SOUTHERN CA	SUN	1100L	K6CD	7034		119 TIDEWATER VA	SUN	2100L	WQ4CWA	146.97-	
7 SOUTHERN CA	SUN	0900L	W6LPJ	3917		119 TIDEWATER VA	SUN	0800L	WQ4CWA	3947	
8 UPPER MIDWEST	SAT	0800L	W0OXY	3908		123 LEE DEFOREST Chapter	SAT	0730L	VARIES	3940	
8 UPPER MIDWEST	DAILY	1700L	VARIES	145.31-		126 PIEDMONT Chapter	SAT	0845L	VARIES	3825	
9 SOUTHWEST OH	SUN	1330L	W8TIV	3975		128 PELICAN Chapter	SAT	0900L	VARIES	145.29-	
10 MICHIGAN	SUN	0800L	VARIES	3.903		130 INLAND EMPIRE	SAT	0800L	W6HV	3.9180	
10 MICHIGAN	SUN	1430L	VARIES	3.530		130 INLAND EMPIRE	FRI	1600L	W6HV	3.9180	
11 NORTHERN CA	SAT	1000L	WB6IMX	146.925		130 INLAND EMPIRE	WED	1930L	W6HV	1.896	
11 NORTHERN CA	SUN	0930L	VARIES	3907		134 PINE TREE	SUN	1400L	VARIES	3942	
14 SAN DIEGO	WED	2000L	VARIES	146.640-		135 MID-MICHIGAN Chapter	TUE	2000L	VARIES	146.70-	
16 ARIZONA	SUN	0700L	W7LGB	3890		138 MARCONI Chapter	TUE	2100L	VARIES	147.045+	
17 ALLENTOWN-BETHLEHEM	MON	2030L	W3SQ	3692+/-		140 WYOMING Chapter	SAT	0800L	AB7BJ	3923	
20 CHESAPEAKE	THU	2000L	KR3AB	146.76-		145 Smokey Mountain	FRI	0830L	WA4CNI	3976	
				pl 107.2		146 TWIN STATE Chapter	SUN	0830L	VARIES	3912	
21 CANTON OH Chapter	THU	1930L	VARIES	145.11-		146 TWIN STATE Chapter	THUR	1900L	VARIES	146.76-	
25 NEBRASKA	SAT	0830L	VARIES	3.982		149 NUTMEG Chapter	SUN	1030L	W1EFW	3923	
28 CENTRAL NY/ENDLESS MTNS	SUN	1030L	VARIES	3.917		150 DEL-MAR-VA Chapter	SUN	0900L	NQ4Q	146.820-	
29 FINGER LAKES - NY	TUE	1900L	WB2YGN	53.050-		151 WILD ROSE Chapter	MON	1900L	VARIES	3747	
				pl 71.9		152 ROYAL PALM Chapter	WWF	1630L	K4FA	14190	
31 READING,PA Chapter	MON	2100L	VARIES	146.91-		160 UTAH Chapter	SAT	1100L	VARIES	7272	
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33 GUNDERSON-PENN-JRSEYDAILY	1000L	W3APE	14263							pl 123	
35 MIDCONTINENT Chapter	THU	2030L	N0UYN	146.94		166 COLONIAL PA	Sun-Fri	0900L	VARIES	146.985-	
37 HARRISBURG Chapter	WED	2100L	K3IUY	147.12+		169 SACRAMENTO VALLEY	M/THU	1730L	VARIES	3947.5	
38 SAN ANTONIO Chapter	SUN	2030L	WA5KRP	47.380+		173 GOLDEN TRI Chapter	TUE	1930L	W9JRY	145.39-	
41 DALLAS Chapter	SUN	0715L	VARIES	3835						ECHOLINK node 360259 K4FC-L	
45 CITRUS Chapter	TUE	1930L	VARIES	147.195+		181 HUDSON VALLEY	SUN	0815L	W2NBT	3917	
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51 TEX-LA GOLDEN TRI	MON	1830L	W5AL	146.85		191 MONTEREY BAY Chapter	TUES	1930L	VARIES	146.70 +	
55 WI Chapter	SUN	0830L	WI9M	3985						pl 94.8	
55 WI Chapter	FRI	2000L	W9SFH	145.390-		194 HAWAII Chapter	1st S	1500L	KH6B	7088	
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63 CENTRAL OK Chapter	THUR	1900L	W5HXL	147.105+						pl 131.8	
64 EL PASO Chapter	SAT	0830L	W5RO	3933		210 OMAHA Chapter	TUES	1900L	W0OMA	147.36+	
65 NIAGARA FRONTIER	SUN	1330L	W2QI	3900		211 NEOSHO VALLEY Chapter	SAT	0900C	VARIES	3907	
67 AUSTIN Chapter	SAT	0900L	W5MDL	3920						EXCEPT 4TH SAT	
70 NATIONAL CAPITAL	MON	1930L	VE3QCW	147.030-		213 FRESNO CA	4TH MON	1930L	VARIES	146.850-	
76 BLUE RIDGE Chapter	SAT	0845L	K4HU	3.625 Mhz						pl 141.3	
85 ARK-LA-TEX	CST MON	1930L	WA9PZL	146.670-		213 FRESNO CA	4th MON	1930L	WQ6CWA		
85 ARK-LA-TEX	CDT MON	2000L	WA9PZL	146.670-						443.250 +	
89 PALMETTO STATE Chapter	SAT	0843L	N4RM	3930						pl 107.2	
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